# CONNINCIAL MARCHAIL

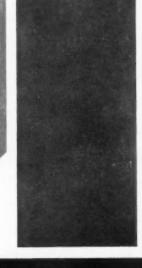
FRIDAY, JUNE 23, 1961 ONE SHILLING

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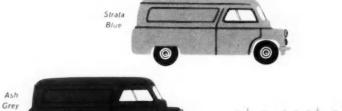
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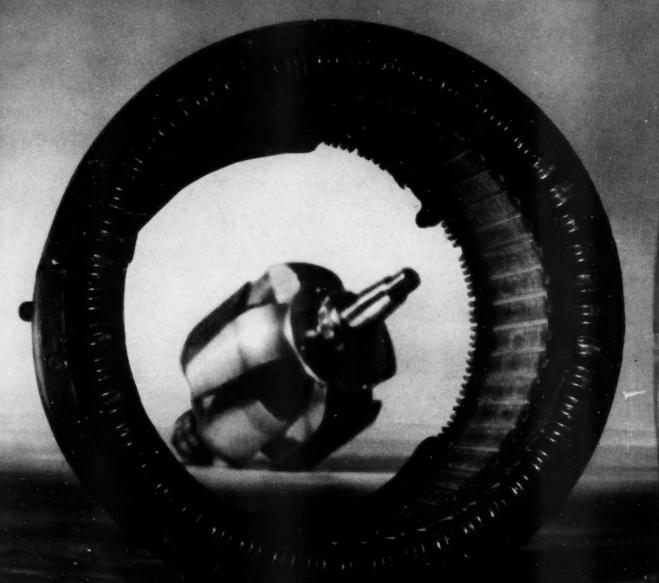
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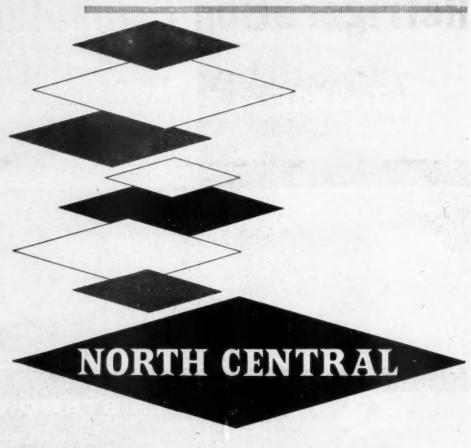
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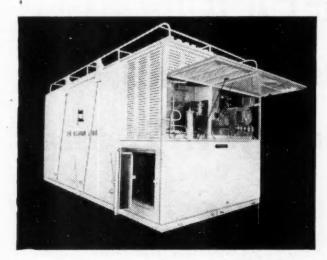
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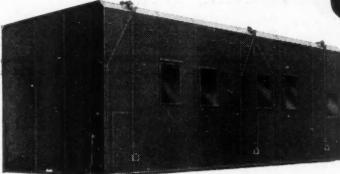
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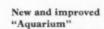
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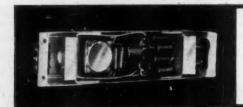


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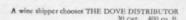
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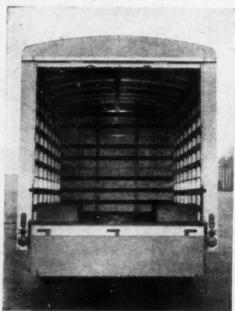
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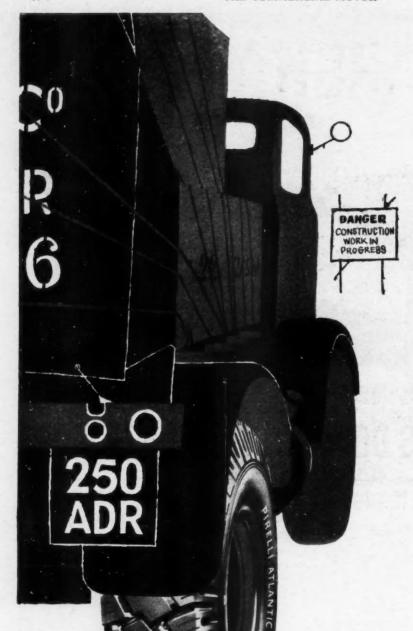
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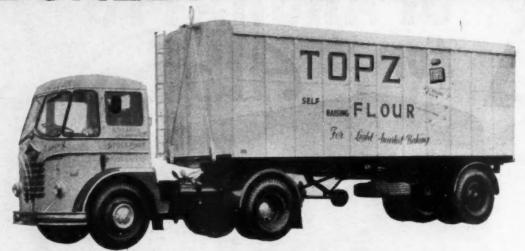
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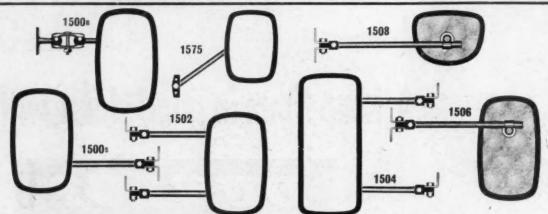
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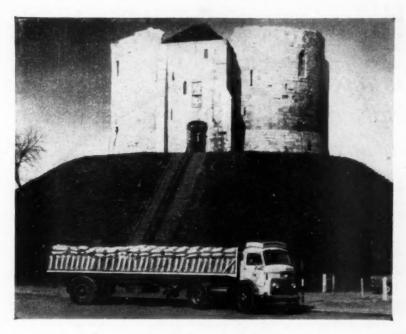
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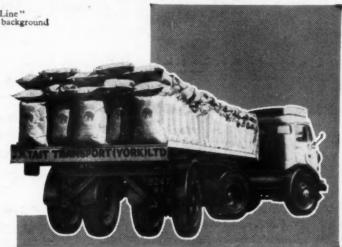




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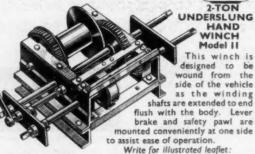
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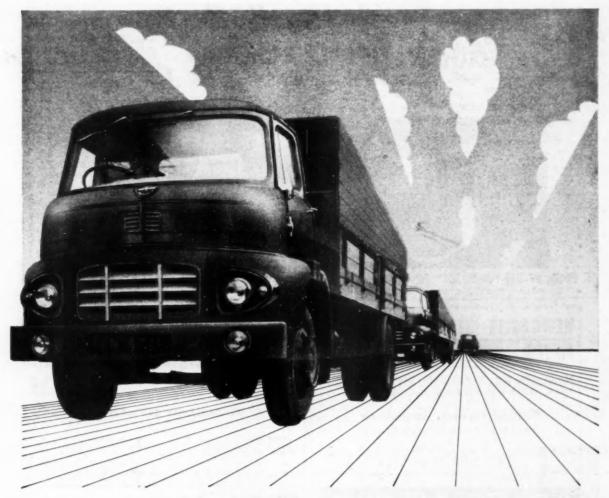
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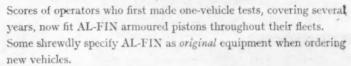
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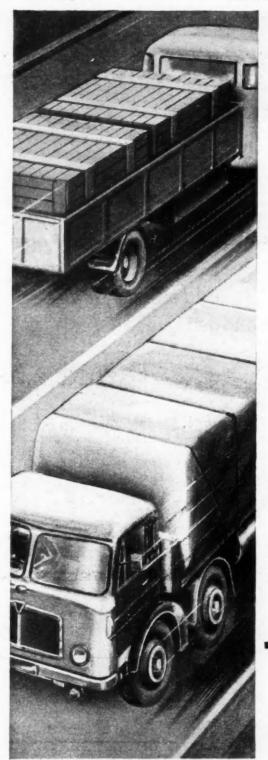
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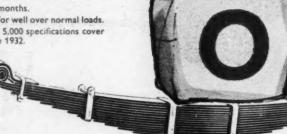
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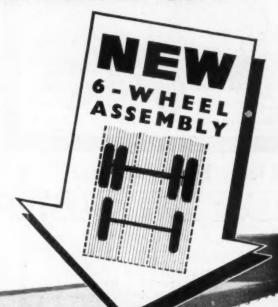
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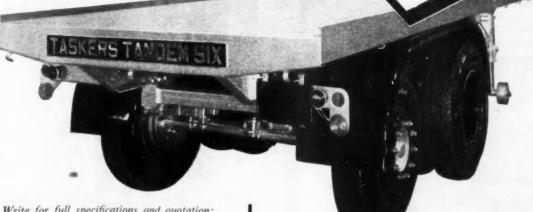
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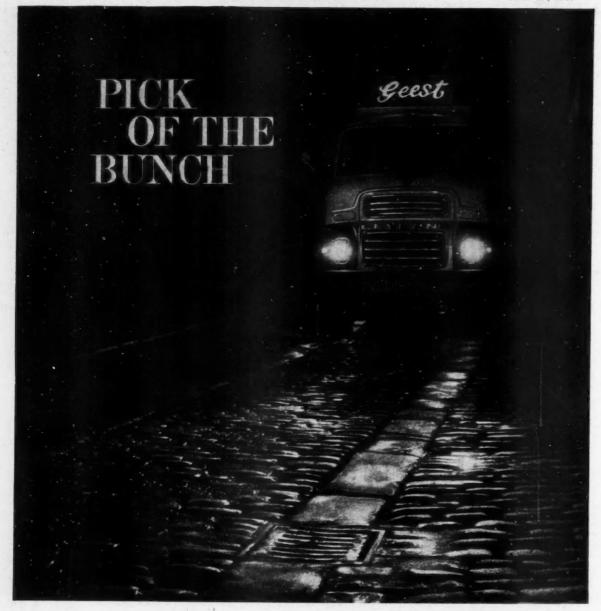
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Geest Industries Ltd., who have been importing bananas since 1952, bought their first Leyland only 2½ years ago. Now they have twelve: six Super Comets, four Comets, a 6-wheeled Hippo and an 8-wheeled Octopus. And four more Super Comets on order.

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JUNE 23, 1961 VOL. 113

No. 2914

# Mr. Marples Stung

THE plain fact is that, despite the skill and ingenuity of engineers and administrators all over the country, the modernization of the nation's highway system still trails hopelessly behind the demands of traffic." Those words were publicly uttered recently by the British Road Federation in a report on the Government Road Programme.

The Federation, which makes a successful job of continually bringing such matters to Mr. Marples' notice, also stated that it considered that Government road programme spending must be at least doubled to make ready for the influx of more than 1,000 vehicles a day which are being added to our already congested roads.

A totally unexpected result of this B.R.F. report was that the Ministry of Transport immediately issued a public statement complaining that the Federation had ignored "certain important facts." So stung was Mr. Marples, who received a copy of the report in the post, that he caused the official statement to be issued the same day.

This was a very unusual step for any Ministry to take, and a venture which was a very doubtful one to embark upon, because, by doing so, Mr. Marples has called more attention upon the B.R.F. report than it would otherwise have received. Ministers, and Ministries, do not usually engage in public arguments with sectional interests attacking Ministerial policy, other than from the floor of the House of Commons. In choosing to break with tradition, did the mercurial Minister of Transport have a twinge of conscience?

The gist of the Ministry's public reply was neither to deny any part of the B.R.F. contention nor to quarrel with it, but merely to point out that a total of £340m, was to be spent in 1961-62 on public investment in transport. Of this £340m, new roads and major improvements will receive about £120m. The figure of £340m, is nearly a quarter of the total 1961-62 public investment. Further increases in the road programme would have to be considered against similar large sums required for items such as defence, education and pensions.

#### Treasury Trouble

That was the Ministry reply. What it boils down to is a woeful piece of hand-wringing at the hardness of the Treasury. Road operators already know this; they also consider that the Minister would better serve their interests by trying to chip pieces off the Treasury's rock-like defences than by trotting out the old, old excuses for his failure to extract more from the Government's pocket.

In point of fact, Mr. Marples has done quite a lot during his stay at the Ministry. He has particularly tried to concentrate on improvements to existing roads and on freeing urban centres. Operators may not always agree with the way he tries to do this, but all agree that the intention to free the roads is correct, so long as the Minister remembers that urban roads are the arteries of retail distribution as well as of traffic flow.

But by publicly arguing with the B.R.F. contentions, and by not refuting them, Mr. Marples must be presumed publicly to be agreeing with them. It would be interesting to know if, in fact, Mr. Marples really does agree that road construction should be doubled.

Certainly it would be no less than justice if this were done. Road transport is recognized as being the major carrier when compared to the railways. Why, therefore, spend almost 50 per cent. more this year on the ailing railways than on the roads, which, sadly inadequate as they are, already carry more than half the country's goods? Even if the spending were comparative to the amounts carried on each form of transport, road operators would still be paying out in special taxes far more than was spent on their behalf.

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#### NEXT WEEK ===

- Agricultural Transport Number
- Preview of Vehicles at the Royal Show

#### Men Who Make Transport

#### Robert

A LOT was going on at the Road Haulage Association's new offices when I called there to meet Robert (I suspect all his friends call him Bob) Clifford from Seaham Harbour: there was a council meeting, the auditors were there and a great coming and going of hearty, prosperous-looking transport men gave an impression of bustling activity. All the best rooms were occupied. Robert Clifford and I met in a small office with our photographer trying to get the right angles, which involved shooting from the passageway through the open door of our temporary office.

Not, I thought, a characteristic setting for Bob Clifford though, mind you, he knows all about offices and bustle; but my fancy paints him seated at the head of a mahogany table which is, as they say, groaning under the weight of good things—good north country things to eat and drink. For he is a hearty, down-to-earth man who (I judge) rejoices in good living, hard work and conviviality.

He looks like a farmer—which isn't surprising because he is one. Indeed, it was in farming that he started work after leaving Bede School, Sunderland, in 1921. He was some 16 years old then—young enough to change his mind, shrewd enough to take stock of the industry in which his die appeared to be cast, resilient enough to make an adroit sidestep into some other calling if circumstances indicated that that was the wise course to pursue.

Farming in 1921 was not the farming we know in 1961, with its support prices, protection and virtually assured home market. Times were tough—prices were low, Whitehall was not kept on its toes by a National Farmers' Union as influential as it has since become. A Cinderella of an industry, one might think.

Which is precisely what young Bob Clifford thought, way

#### =Bird's Eye View=

#### Top People's Paper

THE top people, it seems, get mention in other publications than the paper for Top People—in Applications and Decisions, for instance. I like this one from the latest As and Ds from the Western Traffic Area. Longford Management, Ltd., are applying for a three-tonner on B licence to carry timber and building materials on behalf of The Rt. Hon. The Earl of Radnor, The Viscount Cranborne, Major S. V. Christie-Miller, The Dowager Lady St, Just, The Hon. Peter Pleydell-Bouverie, The Viscount Folkestone within a radius of 210 miles of operating centre.

A town job, obviously.

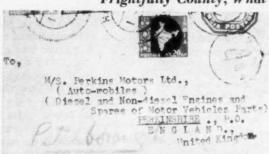
Clever Dodge

HERE'S June bustin' out all over and I receive a note from the Chrysler-Dodge concern about Christmas gifts. As if our summers weren't short enough. . . .

However, the Chrysler-Dodge story is a most praiseworthy one. They have solved what they call "the problem of embarrassment caused by the receipt of Christmas gifts from suppliers and customers" by getting the lucky recipients to contribute all gifts to a giant raffle staged at the employees' Sports and Social Club's annual Spring Ball.

Proceeds from this year's raffle totalled £150 and this sum was divided equally between the Cancer Research Fund and a special fund of the Kew Botanical Gardens. Charities, not necessarily the same ones each year, will continue to benefit.

#### Frightfully County, What!



Goodness gracious me! Posted in India, this letter arrived safely, thanks to Perkins fame—and the G.P.O. resources.

Non-static Hydrostatics

WHILST most progress so far with hydrostatic transmission systems seems to have been concerned with agricultural tractors, the desirability of this form of drive has for long appealed to transport men: infinitely variable speed control, simplified forward-reverse engagement and the abolition of a conventional transmission line are some of the advantages.

Well, hydraulic advocates can take heart. I hear that the design of a hydrostatic transmission for public service vehicles is already in the advanced stage, although no actual parts have yet been made. I am not going to give the game away by saying who is doing this work, but the factory concerned is not in the South of England.

#### Clifford



Staunch supporter of the R.H.A., Bob Clifford.

back in 1924. What to do? Now 18 years old, he bought one of those vehicles which seemed to flood the market around that period, a lorry surplus to W.D. requirements which had done its bit towards making the world fit for heroes to live in after the 1914-18 rumpus. At first sight

#### = By The Hawk =

#### 50 Up!

O celebrate their 50 years of trolleybus operation. Bradford To celebrate their 50 years of trongyous operation City Transport on Tuesday combined the annual inspection of the department with the celebrations. The transport committee travelled over the original route in two trolleybuses painted in the former liveries of the undertaking. Tomorrow a bunch of trolleybus enthusiasts are taking the same trip in the same two vehicles. An exhibition opened on Monday and will last until July 1.

As a contribution to the celebrations, The Commercial Motor is this week publishing on pages 732-734 an article about

the Bradford undertaking.

I wonder how much longer, though, Bradford will be able to continue? It is well known that the former general manager, Mr. C. T. Humpidge, relied largely on second-hand purchases because of the difficulty in getting new vehicles. I don't suppose the new manager, Mr. J. C. Wake, will find things any

#### Steamer News Wanted

FOLLOWING my reference a few weeks ago to the photograph sent to me showing the present chief of H. A. Scott and Sons, the Barnstaple hauliers, as a small boy alongside a Foden steamer, I have had a request from Norwich for information about steamers.

Mr. R. H. Clark, of 50 Mount Pleasant, Norwich, is seeking information about steamers made by the English Steam Wagon Co., of Hebden Bridge, and Turner, Atherton and Co., of Manchester. He wants, he says, to compile some technical data about them.

it does not seem a very original, or even sensible idea. A great many youngsters were doing just that in the early twenties, and there were casualties.

But they're a canny lot up in County Durham. Like their near neighbours in Yorkshire they watch the pennies if there's any reasonable hope of turning them into pounds. Clifford does not attempt to deny that his first days in transport were difficult. "I lived frugally and ploughed every possible ha'penny back into the business. That was my policy for year after year. Of course I bought more vehicles, but it was a slow job and a hard one.'

By the time the second war broke upon us he was well established, but no less forward-looking. New activities enlarged his experience as, for example, timber hauling in the north. Today his businesses include Guy Potts, Ltd., who are in the civil engineering branch of the road haulage industry. His total fleets now comprise 31 vehicles -articulated outfits, tippers, bulldozers, excavators, road rollers and so on, though the civil engineering equipment operates under the Guy Potts banner.

Very energetic, he is able to put a considerable amount of his time at the disposal of the industry as a whole. As long ago as 1935 he was elected to the Northern area committee of the Road Haulage Association and the con-nection has never been broken. From 1944 he has served as the chairman of the Sunderland sub-area and until last month was chairman of the Northern area and a member of the national executive, national finance committee and national council of the R.H.A. He is also a member of the employers' panel of the Road Haulage Wages Council.

#### Commuter

So he may be regarded as almost literally a commuter between Seaham Harbour and London-literally, because on these long journeys he prefers to use British Railways rather than British roads. I gather he holds views about road construction slightly at variance with those of Mr. Ernest Marples. He does not belittle such civil engineering achievements as the M1, but believes that a lot more time, energy and money could usefully have been spent on widening existing highways and taking the kinks out of them. "What is the real use of being able to tear along a motorway at 80 miles an hour only to be at the end (and not a very distant end at that) entangled in the oneway maze of Birmingham's city centre or bogged down in the rush-hour traffic on the North Circular Road?

The threats and trials of nationalization, denationalization and partial nationalization seem to have left him unscarred. If I have referred to my imaginary impression of him seated at the head of an hospitable table it is to emphasize that in Robert Clifford we have a classic example of British imperturbability, of willingness to take calculated risks and of determination to enjoy the fruits of labours when genuine harvest time seems to have come,

At heart, of course, he's a countryman. There are today resounding echoes of those first years after school when he essayed and forsook the jolly life of a farmer Now he's a farmer once more, although, maybe, once removed. He is fortunate in his family. One son likes the transport industry. The other decided it was not for him-only farming would make him happy. So there's a young Clifford in the transport business and a young farming Clifford, too. And Clifford the elder keeps an eye on both sides of his interests and enjoys the best of two worlds.

Hobbies? Farming, he says, and shooting. There again his good luck shines through. His two farms do not lack birds to shoot, but they happen to adjoin a large estate where birds are bred. Happily, he's the typical good neighbour! A29

#### End Transport Monopolies, Call by Liberals

A CALL for a repeal of clauses in road and rail traffic acts "which have created the present goods and passenger and restrictions" monopolies made when the Liberals hold their annual assembly at Edinburgh in September. This demand is included in the points which Hastings and St. Leonards will ask the meeting to endorse as the basic principles of the party's policy for roads.

The town's spokesmen will also ask for a repeal of the present laws concerning the road user, and their replace-ment by "laws which are based on the assumption that the majority of drivers are honest and responsible persons, are clear and based on reason rather than

prejudice."

All the money which the road user has to find should be allocated to road improvements, says the motion, which asks that classified roads should rapidly be improved to "the minimum require-ments of safety."

These are defined as either a dual carriageway, where more economic or demanded by traffic density, or for lighter traffic three-lane carriageways.

A motion from Twickenham speaks of the "transport chaos" which faces this country. It asks the Party Councils to present to the next assembly their thinking on six problems, including the increasing congestion on Britain's dated" roads and the enormous losses incurred by British Railways.

#### Labour to Have Another Go at **Government Transport Policy**

FROM OUR INDUSTRIAL CORRESPONDENT

TRANSPORT policy is to get another public airing when the Labour Party hold their annual conference at Blackpool in October.

It has become something of a hardy annual at this conference and is assured of a repeat by a decision of the executive committee of the National Union of Rail-

waymen to submit a resolution for debate.

This "deplores" the proposals set out in the Government White Paper " Reorganization of the Nationalized Transport Undertakings," which, the resolution declares, is in opposition to the policy of an integrated transport system.

"We see no useful purpose in the sectionalizing of different parts of the transport industry and the further regionalization of the railway industry

urge Conference to reiterate and press the declared policy of our movement," the resolution continues.

We express concern at the continued policy of closing certain sections of the railway system which has the effect of denuding large parts of the country of a necessary social service."

As in previous years, there is little likelihood of its being defeated.

#### "Rural Services Need Outside Help"

MR. RUPERT SPEIK, M.F. 1881 Hexham, said at Bournemouth last week that it was "absolutely absurd" for the Government to support agriculture, to provide millions of pounds for helping and subsidizing water, electricity, housing and other central services, and to leave rural transport to flounder.

"Many small operators in the rural areas are operating at a loss and cannot hold out much longer," he told delegates at the annual conference of the Rural

District Councils Association.

Adequate rural bus services cannot be provided except by some outside financial help. I think the countryside has been extremely patient. We have allowed the Government to play with this problem long enough.

It is for the Government to make up its mind what should be done, and to act soon, for otherwise the rural transport system is inevitably going to deteriorate at a very rapid pace.

#### U.S. PRODUCTION DOWN

TOTAL of 343,869 commercial A vehicles were made in America during the first five months of this year, a 26.6 per cent. decline from the corresponding period of 1960. Output of General Motors Corp., at 170,629 units. was down by almost one-third. Ford Motor Company's production, however, was not cut so drastically, being, at 142,565 units, about 15 per cent. down on

#### B.R. Drivers' Strike: The Next Move

FROM OUR INDUSTRIAL CORRESPONDENT

THE one-week strike of nearly 3,000 van drivers employed by Railways ended at midnight last Sunday without achieving anything.

page caused little dislocation to goods

In the middle of the strike, officials of the National Union of Railwaymen met the British Transport Commission to argue the men's case that all 14,000 drivers should be paid at the top rate of £9 18s. a week.

The B.T.C. turned down the claim as "unjustified" and the next step is now to be considered by the executive of the N.U.R. Their most likely move is to press the claim to the Railway Staffs National Council.

Despite the turn-down of the claim the strike leaders decided to continue the stoppage for the full week and they were backed by most of the men who had come out. But some depots returned to

work before the end of the week.

#### BIGGER PROFIT

DURING the year ended March 31, Middlesbrough Corporation Transport Department made a net profit of £21,852 compared with £12,074 the previous year. Because of higher fares, revenue rose by over £53,000, but operating costs also increased by



£50 in cash goes to any Kent batsman who scores a direct hit on this Bedford TK van during the current season. The van will be used to transport five tons of catering equipment to various outdoor events, and was supplied by Martin Walter, Ltd., Folkestone, to Jimmy Heath, Ltd., of the same town. It is Mr. Jimmy Heath who is offering the cash prize, even if a ball hits the windscreen, and he is seen taking delivery of the vehicle.

#### Mersey Tunnel Short List

THE Mersey Tunnel Joint Committee has drawn up a new short list of candidates for the post of manager to the Mersey Tunnel which carries a salary of £2.470-£2.935. Further interviews will take place probably early next month.

Four candidates are on the short list, and of these three have been short-listed before and have already been interviewed. The four selected for interview are Mr. Clifford Nurse, traffic superintendent with the Coventry Corporation Transport Department; Mr. Harold Cooper, divisional superintendent of Manchester Corporation Transport Department; Mr. F. Hitchin, transport officer with the Midlands Electricity Board; and another candidate from the South of England who has expressed a wish that his name should not be disclosed at the moment.

The post attracted 135 applicants when it was first advertised. The present manager, Mr. A. S. Brown, is due to retire in August,

#### Double Ess Transport Fined £125

DOUBLE ESS TRANSPORT, LTD., of Pudsey, were last week fined a total of £125 and costs when they pleaded guilty to 23 summonses alleging breaches of licence conditions. They pleaded not guilty to a further two similar charges.

Mr. E. Wurzal, prosecuting, said that some of the offences related to vehicles operating under contract A licences. He alleged: "It appears abundantly clear that all these offences were deliberately carried out for gain."

Mr. J. Mellor, for the company, said that there was substantial mitigation in some of the cases. In one, a mistake was made in administrative instructions, and 14 others were committed on what was alleged was advice given by a clerk at the Yorkshire Licensing Authority's office.

#### LONDON TRANSPORT FARES INCREASES

INCREASES in their bus and Underground fares, effective from July 30, are announced by London Transport. Single fares of 8d. (3 miles) and above will be increased by 1d. The present 8d. fare will, however, remain for journeys of 2½ miles, which are not at present covered by a separate fare. No increase is being made in present 3d., 5d. and 6d. fares covering journeys of 1, 1½ and 2 miles respectively.

An announcement will be made later in the year regarding season tickets, Powers for increases of approximately 5 per cent. from January 1, 1962, have already been granted.

The issue of early morning tickets will cease altogether as from January 1, 1962.

#### Bus Industry Bedevilled by Leapfrog Wage Demands

#### FROM OUR INDUSTRIAL CORRESPONDENT

WITHIN weeks of the last wage claim being settled, it looks as if the bus industry is in for another costly series of demands

As reported in *The Commercial Motor* last week, the executive council of the Transport and General Workers Union has approved a claim on behalf of the 34,000 busmen employed by London Transport for a reduction of the working fortnight to 80 hours.

But no sooner had this been announced than the London Busmen's Negotiating Committee decided to add to this a claim for a "substantial" pay increase and improvements in conditions.

These include payment of double time on Sundays, instead of time and a half, higher pay for Saturday afternoon work, and improved holiday facilities.

This additional claim now goes to Mr. Sam Henderson, the union's national bus officer, for approval. This is little more than a formality, and when the union negotiators shortly go to London Transport both claims are practically certain to be presented.

These two costly claims follow an exceptional settlement reached only last

October under which London busmen received a wage increase averaging 28s. 7d. a week, at a cost to London Transport Executive of £2,250,000 in a full year.

But what makes it even worse is that the 170,000 provincial busmen will almost certainly slap in new claims of their own. They are already disgruntled at the wide differences in pay between London and themselves. They traditionally aim at parity with London busmen operating country services.

operating country services.

This "leapfrog" procedure between the three sections—London, municipal and private companies—of the bus industry, has bedevilled industrial relations for many years. There have been attempts by Mr. Frank Cousins to co-ordinate wages policy.

The fact is that the busmen find the rivalry useful as a means of stirring up feeling and reinforcing their case.

One of the unofficial London leaders blandly admitted last week that they had no objection to provincial men catching up with London pay rates—provided the London men were not expected to stand still in the meantime.



The Pike Trailer Co., Los Angeles, U.S. A., has recently built a number of these special 40-ft. tandem-axle open-trailers, which can be converted to flat platforms in 20 minutes by removing the light-alloy side panels. A payload of 30 tons can be carried, and the complete vehicle as illustrated weighs 4\frac{1}{2} tons.

#### No Week-end Ban on Goods Traffic

#### From Our Parliamentary Correspondent

THERE is to be no restriction—except a voluntary one—on the number of commercial vehicles using the highways during the summer week-ends. The Minister of Transport made this plain when he was asked in the Commons last week if he would impose the "no travel on summer Sundays" ban on heavy goods vehicles.

This total prohibition would have a serious effect on supplies, said the Minister, though he appealed to hauliers to limit traffic on summer week-ends.

The movement of heavy goods vehicles was much less on Sundays than on other days, pointed out Mr. Marples. From Monday to Friday they averaged 20m. vehicle miles, on Saturdays 9m. and on Sundays 3m.—"so I think we are dealing with the week-end traffic pretty well."

Mr. Philip Hocking (Cons., Coventry South), who had asked for the prohibition, suggested that it should apply between 8 a.m. and 8 p.m. during the period of British Summer Time.

The ban worked perfectly well in Western Europe, particularly in Western Germany and Holland, said Mr. Hocking, and would relieve congestion on the roads here. He urged the Minister to have another look at it.



Mr. Charles Calderwood.

Mr. N. L. Howell, General Manager, has been appointed to the board of The D.P. Battery Co., Ltd., of Bakewell, Derbyshire.

Mr. H. Nunn has been appointed a principal executive assistant in the office of the Civil Engineer (General) of London Transport.

The London Chamber of Commerce has re-elected Mr. Allen L. Stock as chairman, Mr. Richard L. Wills as deputychairman and Mr. F. H. Tate as treasurer.

Mr. G. R. G. Watkins has been appointed managing director of Charles Pitt (Barton Stacey), Ltd., the trailer manufacturers. He was until recently with Tube Investments, Ltd., having formerly been assistant managing director of their South African subsidiaries.

Mr. Charles Calderwood, chairman of the Spurling Group of Companies, has been appointed a Deputy Lieutenant for the County of Middlesex. In addition to his public service activities in Middlesex, Mr. Calderwood is a Liveryman of the City of London and is vice-president of National Federation of Vehicle the Trades

Councillor L. B. Parkes and Mr. J. Royston have been appointed members the Transport Users' Consultative Committee for the West Midland Area until June 30, 1962. Councillor Parkes is chairman of Walsall transport committee. Mr. Royston is the Line Traffic Manager, British Railways, London Midland Region, Crewe.

#### Men in the News



Mr. Gordon Ames, the recently appointed transport and traffic manager of the Evan Cook Companies.

Mr. A. L. Nowell has been appointed works director of Matthews Oils, Ltd., West Bromwich.

Mr. R. R. Meyric Hughes, deputy secretary of the County Councils Association, has been appointed secretary of the Royal Agricultural Society of England to succeed Mr. Alec Hobson, who is to retire at the end of the year.

Mr. Arthur Payne, 41-year-old director of Payne's Garage, Ltd., Hinckley, Leics, travelling with two co-drivers in a Ford Classic, has just completed a trip of 1,126 miles through England in 25 hours 50 minutes at an average speed of 43 m.p.h.

The retirement is announced of Mr. Eustace Price, managing director of Steels (Hereford), Ltd., formerly County Motors (Hereford), Ltd. The new managing director is Mr. L. D. Scott who has been with the Steels Group for some 10 years in various managerial capacities.

Mr. H. J. Camplin has relinquished his position as southern divisional manager of the sales organization of Leyland Motors, Ltd., after 51 years with the Group. He will continue to be a director of Albion Motors, Ltd. Mr. G. Bart Taylor, who has been Leyland's southern regional sales manager for the past five years, will succeed Mr. Camplin as southern divisional manager.

Mr. W. Mills.

Mr. W. Mills has been appointed secretary of the Northern Division, Traders Road Transport Association, Mr. Mills is well known in the division through his honorary secretaryship of the Northern Section of the Institute of Transport.

#### Obituary

We record with deep regret the death of Mr. George F. Sinclair, deputy chairman of the Board of Management of British Road Services. He was 64. Mr. Sinclair had a special responsibility for technical services and had been a wholetime member of the Board since he was appointed to the then Road Haulage Executive in December, 1950. He was a former member of the council of the Institute of Transport, and former chairman of its Metropolitan section. He was also a past chairman of the Public Transport Association.

#### R.H.A. Rates Guide A Sell-out

THE long-distance rates guide issued recently by the Road Haulage Association was such a success that the first printing was "sold" before it was published. On Wednesday the long-distance committee of the R.H.A. heard a report on progress towards a reprint of this successful guide. The question of goodsin-transit insurance was also discussed.

#### FIRST IN

THE first of the applications from bus operators in the south-west to increase fares to meet the recent wages award came before the Transport Commissioners at Bristol on Tuesday. It was a joint application by the Western National Omnibus Co., Ltd., and Plymouth Corporation transport.

The application was granted.

#### Forthcoming Events

September 17.—Lorry Driver of the Year Contest,
National Final, Fort Dunlop.
September 21-October 1.—Frankfuri Motor Show.
October 5.—Institution of Municipal Engineers.
"Planning for Traffic "Convention, Central
Hall, Westminister.
October 5-15.—Paris Motor Show. (Cars only.)
October 5-15.—Paris Motor Show. (Cars only.)
October 5-15.—Paris Motor Show.

October 17-18.—Road Haulage Association Conference, Brighton.
October 18-28.—Earls Court Motor Show,

October 24-27. Royal Dairy Show, Olympia.
October 28-November 8.—Turin Motor Show,
October 31.—British Electrical and Allied Manu-

facturers' Association Dinner, Grosvenor House, Park Lane, London, November 16-18.—Scottish Show, Kelvin Hall, Glascow, November 13-16.—National Maintenance Confer-ence and Exhibition, Central Hall, Westminster, 1962

April 30-May 5,—F.I.S.I.T.A. Ninth International Automobile Technical Congress, Church House, Automobile Technical Congress, Church House, Westminster, May 18-17.—Public Transport Association Conference, Harrogate, — Institute of Transport Congress, Cardiff.

#### Get Rid of the Halfpennies, Say Midland "Red"

THE decision on an application by the Midland "Red" company to increase fares was reserved at a joint sitting of the East and West Midland Traffic Commissioners at Birmingham on Tuesday.

The company had asked for a new mileage scale to increase single and scholars' return fares; to eliminate the halfpenny in children's fares; to increase workmen's returns; and to impose "surcharge" on the M1 services between Birmingham and London.

Mr. E. S. Fay, presenting the company's case, said that in a full year the cost to Midland "Red" of a recent wage award, together with other increased costs, would be £578,000. If all the proposed increases were granted the company would get back £613,000 in a full year's working.

He said that one aim of the company was the end eventually of the d. coin which was too small to fiddle with in present-day commercial life.

#### Extra Costs of £120,000

Mr. Richard Brandon, traffic manager of Midland "Red," said that even if the increases were granted and soon put into operation, the company would have had to sustain extra costs of £120,000 in the

He said that in a comparable eightmonth period before and after the last fares increase, nearly 101 million passengers had given up using the service. Mr. Brandon said the present application made allowances for this "consumer resistance" to be continued. Mr. Brandon said that for the first time in the company's history, more than half its mileage, about 51 per cent., was unremunerative.

Not less than half of this was rural mileage and Mr. Brandon said that a proportion of urban services were also unremunerative.

#### Grant of 12 A Vehicles— If No-one Objects

THE Metropolitan Licensing Authority, Mr. D. I. R. Muir, who formally requested an applicant company to change their declaration of normal user because they were doing "the same business in another way " indicated that, provided there were no objectors on republication, he would grant them 12 A-licensed vehicles.

The applicants, D. Goldsmid (1938), Ltd., of London, were applying to the Authority, in the Metropolitan court on Monday, to add 12 vehicles to their A licence with a normal user of "General goods within 25 miles of Tower Hill; occasional longer journeys as required."

Mr. D. Carmel, for Goldsmid's, said the extra tonnage was necessary because of congestion at London Docks-greater use was being made of Dover and the Medway ports, and also Shoreham and Portsmouth, for the importation of fruit and vegetables from countries

Giving evidence, Mr. F. Davis, managing director, said that a large proportion of the fruit and vegetable traffic until last October came into Gravel Lane rail depot and one vehicle could carry away five loads in two days. This depot had now closed and, instead, the traffic arrived at Hither Green depot, an hour's travelling time away, and it was a "hard

job" to get each vehicle away with one load a day.

Asked how often they went farther than the 25 miles radius, Mr. Davis said: Normally we keep within the 25 or 30 miles." Questioned by Mr. Muir as to what was meant by "normally," Mr. Davis said that it might be two or three loads a week, or 10 per cent. "They might even go to Birmingham, Manchester or Liverpool."

Mr. Muir: "But this is important.

This is for an A licence and the facilities declared are for comparatively short hauls, with occasional long journeys, as required." He added that "as required." added nothing and subtracted nothing from the normal scope.

Unable to get a precise reply from Mr. Davis, the Authority continued: "I take it that all the small ports are within the 25 miles?" Mr. Davis replied that only Gravesend was,

#### A Proper Description?

Coming back to the normal user, Mr. Muir asked if the applicants were satisfied that the declared facilities were right. Did they contend that it was a proper description of what they were doing, bearing in mind that part of the reason for the application was the need to go to ports such as Gravesend, Shoreham, Rochester and Portsmouth? Mr. Davis replied that they went to exactly where their customers sold their goods.

Mr. Muir: "As you know, I cannot force you to alter a declaration of

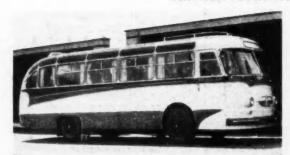
Mr. Carmel said that he would feel happier if facilities included "South and East Coast ports.

After consulting his clients, Mr. Carmel said that they agreed that the user would have to be changed, and he asked Mr. Muir to consider granting a short-term B licence with a limitation of 25 miles, to "tide them over." Mr. Muir agreed

DESPITE denials by the British Motor Corporation that it is interested in taking over the Borgward works, the Bremen Senate has said it would welcome the buying back of the works from the State and that a connection with B.M.C. would be a good chance to carry on the "technical traditions of Borgward," writes a special correspondent.

B.M.C. AND BORGWARD

#### Russian Coaches Come to Town





Two of the three Russian vehicles to be shown at next month's Soviet Industrial Exhibition at Earls Court arrived in London at the beginning of this week. Both are LAZ passenger vehicles, similar to those exhibited at the 1960 Geneva Motor Show and described in our March 18, 1960, issue. On the left is seen the LAZ-697 33-seat coach, which has its 109-b.h.p. petrol engine mounted at the rear. The vehicle on the right is the LAZ-652 25-seat bus, with forward-mounted 90-b.h.p. petrol engine. The third exhibit is expected to be a heavy-duty six-wheeled dumper.

#### Croydon Driving Contest Date Fixed

A MEETING last Saturday decided to fix, definitely, the date of the proposed Croydon round for the Lorry Driver of the Year title as July 23. Mr. P. H. R. Turner (Thomas Allen, Ltd.) has been appointed chairman of the organizing committee. Other members are: Mr. A. D. D. Adams (Adams Bros., (Kingston), Ltd.,) Mr. F. W. Firminger (RoSPA); Mr. S. Fenn (Express Dairy, Ltd.); Mr. R. V. N. Henning (Union Cartage, Ltd.); Mr. D. Meadows; and Mr. H. C. Younge (Ham Wharfage).

The awards presented for last year's Stepney contest are to be re-engraved "London" and presented to winners at Croydon.

The entry has been limited to 110 (there were 243 interested), and a maintenance contest is to be organized by the Traders Road Transport Association.

#### "Open-planning" Service Station

THIS evening the Mayor of Guildford, Ald. E. Jones, J.P., opens what is claimed to be the first "open-plan" motor showroom and service station in the country. It is the new premises of A. Gray and Co., Ltd., Rootes main dealers, and is situated on the Guildford By-pass. The open-plan effect is given by the front showrooms which, although covered, are completely open to the street. Full servicing facilities for large commercial vehicles are provided.

#### MOTORWAY CONTRACT

IT was announced last week by the Minister of Transport that Motorway Services, Ltd., London, have been awarded the contract for the development of the Keele service area on the Staffordshire section of the Birmingham-Preston motorway.

#### IDRIS OWEN TO RETIRE

MR. IDRIS OWEN, M.B.E., the South Wales Licensing Authority, is to retire on October 1. He has spent over 40 years in Government service, most of it connected with transport in South Wales. His successor has not yet been named.



These two Guy Invincible four-wheelers are the first of this type to enter service with Wolverhampton and Dudley Breweries, Ltd., although the fleet contains 13 other Guy vehicles. The lorries have bodies built by W. Robinson and Co., Ltd., Wolverhampton, and the cabs vegit three-may crews.

# L.A. Questions Earnings of £8,000 per Vehicle

A N application by Ward and Company (Leicester), Ltd., who applied to the Scottish Licensing Authority, Mr. W. F. Quin, to operate a 3-ton collection and delivery vehicle under B licence from a base at Johnstone, was adjourned last week.

Mr. M. Ward, managing director, told Mr. Quin that his firm had 14 vehicles, mainly in the East Midland Area, with three trunk vehicles operating on the Leicester-Johnstone run. The vehicle, if authorized, would be used to haul goods which had been carried, or were to be carried, by the trunk vehicles within a 20-mile radius of Johnstone.

When Mr. Ward said that 60 per cent. of the company's earnings came from the three Scottish trunk vehicles, Mr. Quin said that this would amount to some

£8,000 per vehicle, which he did not think was physically possible.

If, however, they represented 60 per cent. of the earnings of the fleet, it followed that the other vehicles were under-employed.

Questioned about substitute and maintenance vehicles, Mr. Ward explained that his firm had two such vehicles. Mr. Quin: "You are lucky to get that in Leicester. You would not get it here." Once a maintenance grant was made, it was difficult to check on its use, he added,

After hearing evidence by the company's Scottish branch manager that almost all the work was in small consignments, which few hauliers wanted, and that it was therefore impossible to secure suitable sub-contractors, the application was adjourned.

#### Large Argentinian Orders for Scania-Vabis

SINCE imports of heavy trucks to Argentina were freed at the end of 1960. A.B. Scania-Vabis, Södertälje, Sweden, have obtained orders for more than 500 of their L75 15-ton-gross goods vehicles. At present the Scania-Vabis agent in Buenos Aires, J. Vázquez Igleasias, is also negotiating for the import of about 100 rear-engined buses.

Scania-Vabis originally entered the Argentine market in 1956, and during the following two years—until import restrictions were imposed—about 1,400 goods vehicles were shipped to that country.

#### No Change In Glasgow Fares?

COUNCILLOR SAMUEL HUGHES, convener of Glasgow Transport Committee, predicted on Monday that fares in the city would remain unchanged this year.

Although the recent wage award to the department's 6,000 drivers and conductors would cost an additional £250,000 in a full year, Mr. Hughes said he hoped that it would not be necessary to raise fares for "at least nine months."

Mr. Hughes said he believed that increased fares would not necessarily secure an increase in revenue. Every increase in fares in the past had re-ulted in a decrease in the number of passengers, he added.



Peterborough Engineering Co., Ltd., constructed this breakdown vehicle for Bedfordshire Autocar Co., Ltd. It is based on a Thames Trader 9-ft.-wheelbase diesel-engined chassis, and has a Mann Egerton 5-ton crane, also front and rear towing laws. The body is of all-steel construction.

## Refused

NORTHERN CAR COLLECTION SERVICE, East Kilbride, failed in an application before the Scottish L.A.. Mr. W. F. Quin, at Glasgow last week for a new B-licensed articulated outfit to carry cars from the car manufacturing plants in England to East Kilbride and to deliver within a 50-mile radius.

For the applicants, Mr. J. Law said that they had a service of staff drivers bringing cars to agents in the West of Scotland. Evidence in support was given by a number of the firms using this service. and in particular they referred to the transport of Vauxhall cars from Luton to Scotland and indicated preference for door-to-door service.

Mr. J. Clyde, for the B.T.C., submitted that the application would clearly give additional facilities and carrying capacity. since it would mean that cars could be brought in by transporter, as well as by drivers employed by the individual firms.

## **B.R.** Overnight Service

After Mr. Quin had ruled that there was a case for the objectors to meet. Mr. Paterson, Licensing Officer for Glasgow Area of B.R., outlined the overnight service from Luton to Bonnybridge, whereby trainloads of Vauxhalls were brought to Scotland two or three times each week. From Bonnybridge deliveries were made to dealers by Anglo-Scottish Car Distributors' drivers.

Giving his decision, Mr. Quin said that all the applicants' witnesses had admitted failure to use the B.R. overnight service, and they could not be critical of It appeared that an its operation. It appeared that an arrangement which was satisfactory to Vauxhall's and to S.M.T. Sales and Service, should be equally satisfactory to the firms now supporting the application. He refused to make a grant.

## No Bargains

THIS was an occasion when the Traffic Court had not been used as a bargain basement for a haulier and his objectors, but had served a practical purpose, said Mr. J. Else, West Midland Licensing Authority, when he granted an application by A. Brown of Tunstall, at Hanley last week.

The applicant had applied for a new A licence for a 3½-ton flat vehicle to carry pottery to the London area, Surrey and Stoke-on-Trent. The case, which was part heard, had attracted several independent road objectors, as well as the B.T.C.

Following a consultation between the parties, Mr. G. C. Tindsill, for the applicant, said that if the conditions were amended to read: "Pottery, within 10 miles of base and a weekly journey to London and Surrey," all the objections would be withdrawn.

Brown confirmed that this adequately met his requirements and the licence was granted as amended

## Car Transporter Midlands Operator Granted Contract-A Switch

AT Hanley last week, W. and J. Wass, of Longton, were granted four A and two B vehicles by the West Midland Licensing Authority, Mr. J. Else. Two applications were before the court regarding three units on contract to the Clough Group of Companies and four on contract to the Staffordshire Potteries Group. Both organizations were manufacturers of china and earthenware. Mr. J. Hayes, general

manager of W. and J. Wass, stated that they wanted three A units in substitution for the Clough vehicles, and evidence in respect of these had been given at a previous hearing in May. Regarding Staffordshire Potteries, they asked that the four contract vehicles should be replaced by ordinary A units, and two Bs, both of which should be authorized to carry general goods within 15 miles of

The present contract arrangements were unsatisfactory to all the parties concerned, continued Mr. Haves. They were not able to deal with traffic immediately and customers were complaining of delays. In addition, the application would enable them to carry return loads.

Replying to Mr. B. Webb, for the B.T.C., Mr. Hayes said that 80 per cent. of the traffic they carried for Staffordshire Potteries was carried on the four contract

vehicles. Their existing fleet was fully employed-occasionally they operated a night shift.

Mr. G. T. Basnett, a director of Staffordshire Potteries, said that they were willing to surrender the contract-A licences and thought the new proposals would enable the applicants to cope more efficiently with their traffic. His company used British Railways as much as possible. About 50 per cent. of their customers asked especially for rail transport.

Giving his decision, Mr. Else said that the evidence merited the granting of four A vehicles-two in place of the Clough contract units and two in place of the Staffordshire Potteries units. The B vehicles were granted, one with the user general goods within 10 miles of base" and the other to carry goods for Stafford-shire Potteries within 15 miles of base.



B. Walker and Son Ltd., of Warford, built this drop-sided truck body on a B.M.C. 10/12 cwt. chassis and cab. Interior dimensions are 8-fi. 04-in. long, 5-fr. 5-in. wide and 1-ft. high. Unladen loading height is 2-ft. 9½-in.

## Buyers' Guide to Commercial Vehicles

THE 10th edition of "British Commercial Vehicles For The World" has been published by Temple Press Limited. This comprehensive buyers' guide contains tabulated specifications of all current goods and passenger vehicles and dump trucks produced by the British Commercial Vehicle Industry, as well as directories of all vehicle manufacturers and bodybuilders in the United Kingdom.

The tables cover internal combustionengined three- and four-wheeled goods vehicles (including tractive units); internal combustion-engined passenger vehicles; trolleybuses; battery electric road vehicles (including pedestrian-controlled vehicles) and dump trucks, and give details of payload, chassis weight, gross weight, engine capacity, final drive. forward speeds, number of wheels and braking system, dimensions (including

wheelbase), ground clearance, turning circle and standard tyre sizes.

"British Commercial Vehicles For The World" (10th edition) is an essential source of reference for fleet operators and road transport authorities throughout the world. It costs 5s. net.

## No Ban on Wide Loads in Scotland

MR. JOHN MACLAY, the Secretary of State for Scotland, last week turned down a suggestion that he should debar from narrow roads vehicles who e width or load protruded over the white line in the centre of the road.

"I think that the matter is dealt with adequately by the Construction and Use regulations," he told Mr. Archie Manuel (Labour, Central Ayrshire) who had raised the point in the Commons.

## Orders and Deliveries

EXPRESS RELIANCES: Aldershot and District Traction Co., Ltd., have ordered 15 A.E.C. Reliance chassis which will have 41-seater coach bodies fitted for work on express services.

INDIAN TIPPERS: Materials for the construction of new irrigation canals will be carried by 38 Leyland Comet tippers ordered from Ashok Leyland, Ltd., by the Director of Industries, Government of Gujerat.

MORE FOR SHEFFIELD: Sheffield United Tours, Ltd., have placed a repeat order for nine A.E.C. Reliance coach chassis which are intended to go into service next

AFRICAN SCARABS: Sierra Leone Government Railway has ordered a Scammell Scarab 6-ton tractive unit and six Scammell drop-frame semi-trailers which will be used on general haulage and delivery in Freetown.

ORDERED FOR TOURS: Duple 40-seater luxury bodies will be fitted to four A.E.C. Reliance chassis ordered for Leroy Tours of Tunbridge Wells for service on Continental tours next year.

MORE FOR CALCUTTA: A further 15 Leyland Tiger single-decker buses have been ordered by Calcutta State Transport Corporation.

SOUTH AFRICAN ORDER: A.E.C. orders from South Africa include 25 Mandator 8-ft. 1-in. wheelbase chassis which will have A.E.C. AV690 diesel engines.

SCAMMELL TANKERS: Two Scammell Highwayman tractive units with 2,400-gal-tank semi-trailers have been ordered by Leonard J. Stamp, Ltd., of Bristol

LEYLANDS FOR GLASGOW: Glasgow Transport Committee is to recommend the corporation to order 150 Levland Atlantean rear-engined buses worth £445,350. A number of the 78-seater bodies which are to be fitted will be built by the corporation's own staff.

BUS BODY ORDERS: The B.E.T. Federation, Ltd., have ordered 55 single-decker bus bodies from Marshall Motor Bodies, Ltd., of Cambridge. The bodies will be fitted to A.E.C. and Leyland chassis for various B.E.T. undertakings and will incorporate riveted and welded lightweight metal structures. Marshall's have recently received orders for 40 heavy-duty metal bus bodies for various export markets.

## WORLD-WIDE EXIDE

E MPHASIZING that the company had interests in many parts of the world, Mr. E. Powell, director of Chloride Batteries, Ltd., introduced their general managers from Australia, Canada, New Zealand, Singapore, India, Pakistan, South Africa, Denmark, Central Africa and Holland, when he welcomed the visitors at the banquet and ball given in connection with the Exide Service Agents and Convention last week. Over 500 agents and other visitors attended.

## **BOLTON PROFIT UP**

ACCOUNTS of Bolton transport department for the year ended March 31, last, show a surplus of £22.133, compared with £1,354 for the previous year. Revenue rose from £1,235,768 to £1,349,782, and expenditure from £1,102.293 to £1,167,147.

## Traffic Congestion Hits Newport's Revenue

THE Newport Corporation transport undertaking were experiencing such difficulties that their "sole means" of getting out of them was to increase fares, said Mr. Hubert Clifford Davies, the borough deputy treasurer, at a public inquiry before the South Wales Traffic Commissioners at Cardiff this week.

He said that without the increase it was estimated the undertaking would incur a deficit of £20,000 each year. Mr. Davies added that the council were so seriously concerned about the situation that they had contributed £26,000 towards meeting the accumulative deficit of £47,000. This was equivalent to a 4d. rate.

Mr. Francis John Barnes, representing Newport Transport, said that when the fares were revised in April last year it was estimated that additional revenue of £50.000 would be forthcoming. "In fact they brought in only £15,000," he said.

The proposed fares structure was estimated to bring in an additional £25,000 which would be used to offset the deficiency. Mr. Barnes added that chaotic traffic conditions in the town was one of the contributory factors for the increase in fares and that the number of passengers travelling on the corporation's

transport decreased between 3% to 4%

"What was once a hoary joke has become a painful truism," he said. "People find it easier to get off \( \frac{1}{2} \) of a mile from the town centre and walk rather than sharpen their nerves in traffic jams."

Mr. Idris Owen, chairman of the Traffic Commissioners, said that the number of passengers who used the corporation's transport last year was only 38½m. compared with 55½m. in 1950, and he asked: "Increased fares will not encourage more passengers, will they?"

Mr. George Trigg, chief assistant to the transport manager, replied: "Perhaps not. But it is the chaotic traffic conditions which are discouraging people. We are catering mainly for those people three or four miles away. People near the town centre prefer to walk because it is quicker."

The Traffic Commissioners granted the corporation's application but decided that the 3½d. fare should remain the same and not be increased to 4d. as proposed. Mr. Owen said: "We are as sorry to have to grant it as your people are to make it."

Fares for Cardiff Corporation buses

Fares for Cardiff Corporation buses travelling within the Newport borough boundaries will be revised to bring them in line with the granted increases.

## R.A.C. House Opened

LORD MOUNTBATTEN, president of the Royal Automobile Club, formally opened R.A.C. House in Lansdowne Road, Croydon, on Monday. The imposing, new 12-storey office block will be used to accommodate some of the departments of the Club's Associate Section, which has been expanding steadily with all-time record recruitment in recent years.

Present at the ceremony were Mr. Wilfrid Andrews, chairman of the Royal Automobile Club, and Alderman Mrs. C. G. Kettle, J.P., the Mayor of Croydon.

## New Five-minute Washing Plant

A MERICAN vehicle-washing equipment which can wash cars and light commercial vehicles in from 3 to 5 minutes has been installed at St. George's Garage, 250 Brompton Road, London, S.W.3. The system is known as the Chem-Therm, and the sole distributors for the United Kingdom and the Continent are Auto-Magic Five Minute Car Wash (Distributors), Ltd., of St. George's Garage.

Although intended primarily for cars, vehicles up to 7 ft. 1 in. high can pass through the equipment, and vehicles can

he washed, dried and cleaned inside at the rate of one every 15 seconds. The complete installation costs over £25,000, of which approximately 60 per cent. is for the Chem-Therm equipment itself. Cleaning prices vary from 12s. 6d. for single tickets to £6 for a book containing 12 tickets.



A Thames 5-cwt. van emerging from the washing unit.

## Burnley, Colne and Nelson Bridge The Gap

FROM Sunday, June 25, several of the fares of stage carriage services operated by the Burnley, Colne and Nelson Joint Transport Committee, will be increased. It is estimated that the increases will bring in £54,000 additional revenue, and this will help to overcome the expense involved in recent wage claims by the staff. These proposals were put before the North Western Traffic Commissioners at Burnley last week by the Committee and their joint operators: Ribble Motor Services, Ltd., Keighley-West Yorkshire Services, Ltd., Todmorden Joint Omnibus Committee and Hebble Motor Services, Ltd.

### Children Still Half Price

Mr. R. W. Gann, deputy town clerk of Burnley, giving details of the four categories of increase, said that if the application was successful single adult fares up to 5d. would rise by \d. and fares of 6d. and over by a 1d., children's fares still remaining at half the adult rate, plus fractions of a penny. On the Burnley-Colne limited-stop services, single fares of 7d. and over would rise by 1d. Buses which were hired by education authorities for the transport of schoolchildren were going to cost 12s. 6d.. where previously the rate had been 10s.

## Double Fare at Night

The last category applied to vehicles carrying passengers from late-night functions, where the charge would be double the ordinary fare, subject to a minimum of 1s, per passenger,

The main cause of the increases was wage awards, the introduction of the 42-hour week in 1960 and the addition of three days extra holiday after 10 years' service. All this had amounted to some £73,000 which included the substantial pay award early this year. The Committee had tried to overcome these set-backs by economic operation and had closed a depot at Nelson and installed an automatic washing machine at Burnley.

### Fleet Renewal Soon

The treasurer of the Committee, Mr. A. Ashworth, pointed out that in the very near future there would have to be a systematic renewal of the fleet of buses. If the proposals were not granted, at the end of the present financial year, March 31, 1962, there would be a deficit of £17,256 which would rise to £29,670 in 1963 and in 1964 to £34.874.

Granting the application, the chairman, Mr. F. Williamson, said that some provision must be made for rolling stock which was getting old. He reserved his decision on the 4d. increase which was proposed for the Burnley-Colne stage of the Manchester to Skipton service operated by Ribble Motor Services.



This York 20-ton, TW2S platform semi-trailer carries A.T.A. Hyperbolic Shells—concrete sections 7 ft. 7 in. wide—which are laid side by side to make up a roof. The trailer is operated by S. Ball & Son (Transport), Ltd., of Chipping Sodbury, Bristol, an associate company of Harry Dando, Chipping Sodbury, York distributors.

## Mr. Wright Thought His Application Was All Wrong

AN application by Mr. Charles Wright. of Penycae, was described as "a case of blackmail" at Wrexham last Monday. after the applicant had admitted to fear regarding the opposition of the local Council to his application. The North Western Traffic Commissioners were asked to renew Wright's existing licence and grant a modification for three additional services between Penycae and Wrexham, on Mondays, Wednesdays and

Col. Roberts, for the applicant, pointed out that Wright had been asked by the Wrexham Rural District Council to run the extra services so that there could be a half-hourly frequency. He had been told that if he did not comply with their request, the Council would oppose the renewal of his licence.

In evidence Wright said he could produce no witness to state that he had had difficulties travelling from Penycae to Wrexham. He did not think there was any need for additional facilities.

The chairman, Mr. F. Williamson, said it was clear that Wright had applied for services which he did not really want, because of fear of the Wrexham Council's objection. If they thought more facilities were needed, witnesses would have to be brought to Court to prove this. The Commissioners granted the renewal without modification.

## Micrograms . . . 188888888888888888888888888888888

Missing Links: There is no reason why the state of Britain's roads should continue to be tolerated, says the Roads Campaign Council, in the third of its "Missing Links"

Increased Production: Over 100 semi-trailers are now being produced each week by Scammell Lorries, Ltd., who recently boosted production of their 600 different types of semi-trailer by over 28 per cent.

S.O.S.: Coton Carriage Works, Ltd., Heath End Road, Nuneaton, say they are being inundated by transport representatives and ask us to point out that they are "not a transport company but simply vehicle builders and repairers."

Alcan Industries, Ltd., formerly Northern Aluminium Co., Ltd., announce that as from July 1 their Luton sales office territory will take in Oxfordshire and the southern por-tions of Buckinghamshire and Essex hitherto covered by their London sales office.

New Premises: A site in Tickhill Road, Balby, Yorks, has been acquired by the Balby bus firm of S. M. Wilson and Sons, Ltd., of West Avenue, for the erection of a modern service station. Planning permission has been granted and the new premises, with a frontage of some 110 ft. and a depth of about 80 ft., will be built as soon as details have been settled.

B.E.T. Profit Up: Group net profit of the British Electric Traction Co., Ltd., for the year ended March 31, 1961, was £4,182,619, compared with £3,584,711 for the previous

New London Headquarters: Steel and Co., Ltd., the mobile crane manufacturing group, have moved from their various West End offices to Steel House, Eastcote, Pinner.

Change of name: County Motors (Hereford), Ltd., a member of the Steel Group of Com-panies, has changed its title to Steels (Here-ford), Ltd. The address remains 56-59 Eign Street, Hereford,

Moved: The London office of Crofts (Engineers). Ltd., has been moved from 34 Norfolk Street, Strand, W.C.2. to new premises at 36-42 Tanner Street, Bermondsey, London, S.E.1 (telephone: HOP 7751/4).

Apprentice Executives: Leyland Motors, Ltd., are to introduce a commercial apprenticeship scheme to meet the need for highly trained executives in their organization. The company is inviting applications from prospective apprentices with certain minimum educational qualifications. Commercial apprentices will, after receiving intensive training in the commercial division, specialize in the type of work for which they are most suitable.

## New American High-speed Tyre for Express Coaches

SPECIAL tyres have been developed by the Goodyear Tire and Rubber Co., U.S.A., for the latest express coaches being placed in service by the Greyhound Corporation. These coaches, which operate on through express services between New York City and

Miami at sustained speeds of between 70 and 85 m.p.h., are equipped for the service of meals aboard, distributed by hostesses.

The new Goodyear tyres-which are made in the size 11.00-19-in, (14-ply) for this Goodyear application-were tested during the development stage on Goodyear's 500 m.p.h. dynamometer. tyres are prestressed, this being done by inflating them to normal pressure as they come from the vulcanizer still hot, and then cooling them under stress. In this way it is claimed that heat build-up can be better withstood.

These special high-speed tyres have white walls to harmonize with the colour schemes of the vehicles, and their manufacturers claim them to be safer and longer wearing than any existing tyredespite the rising speeds and power of new highway coaches.



## Vauxhall's Development on Merseyside

PRELIMINARY work at the site of Vauxhall Motors' new factory at Hooton Park, Cheshire, is expected to start in July. The factory will be devoted to the production of major mechanical components for both cars and commercial vehicles. The assembly of Bedford trucks will continue at the Dunstable factory

Mr. William Swallow, Vauxhall's chairman and managing director, said that when this new factory was in production

at Hooton Park, which was expected to be early in 1963, employment would rise progressively to a figure of about 4,000 people—aimost all of them locally recruited—compared with the original estimate of 3,500.

The company's main expansion in future years will be concentrated at the Hooton Park site, and it is expected that this first phase of Vauxhall's development on Merseyside will be followed by further construction.

## New Massey-Ferguson Industrial Tractors

FOUR new industrial tractors have been introduced by Massey-Ferguson, Coventry, two of which have a novel type of instant-reverse transmission, which incorporates a torque converter, a pair of hydraulically actuated multiplate clutches to provide the forward/ reverse control, and a two-speed compounded epicyclic transmission which gives four speeds in both forward and

Perkins three-cylindered diesel engines are employed and prices range from £880 to £1,150.

## One-way in London

THE Minister of Transport is discussing with local authorities plans for one way street working in three new areas of London-Fulham Road-Kings Road, the Southampton Row area and Victoria Park Road, Hackney.

Revealing this in the Commons last week. Mr. Marples added that five other schemes are in an advanced state of preparation, at Baker Street-Gloucester Place, Oxford Street-Wigmore Street. Earls Court Road-Warwick Road, Grays Inn Road-Farringdon Road and Sussex Gardens-Praed Street.

## PLANNING FOR TRAFFIC

SECOND Autumn convention is A being organized by the Institution of Municipal Engineers at Central Hall, Westminster, on October 5. It will be concerned with "Planning for Traffic."

Four papers are to be presented and it is hoped to arrange an exhibition consisting of models and photographs of some of the latest engineering developments from this country and abroad relating to Planning for Traffic.

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William Round (Transport), Ltd. Cap. £20,000.

William Round (Transport), Ltd. Cap. £20.000. Dirs.; A. Round and S. A. Round. Regent House Greystone Passage. Dudley; W. H. Round, 3 Green Road, Dudley. Sec.; S. A. Round. Reg. office: Regent House. Greystone Passage, Dudley. D. Ren and Co. (Jarrow), Ltd. Cap. £1.000. Dirs.; D. Rea, 38 Wood Terrace. Jarrow on Tyne. P. S. Rea, 16 York Avenue, Jarrow on Tyne. Sec.; P. S. Rea. Reg. office: 38 Wood Terrace, Jarrow on Tyne.

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Chambers. West Street, Horsham, Sussex.

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Dunstan Brothers, Ltd. Cap. £6.000. Dirs.: J.
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## OPERATORS A.E.C.

"A.E.C.'s play a vital part in our 10,000,000 miles a year programme."

says Mr. Tom Barton, Managing Director of Barton Transport Ltd.

"With stage carriage, express services, private hire, road cruises at home and abroad and general road haulage work we cover around ten million miles per annum," says Mr. Barton. "Today our fleet includes 80 A.E.C.'s including 59 single-deck 'Reliances'—and reliance is an apt word for every vehicle.

We get absolute reliability—remarkably low running and maintenance costs—and it's a great comfort to know that not only in Britain, but in any country in which we operate, A.E.C. service is second to none."



## Firestone SUPER MILEAGE LUG

## THE DUAL-PURPOSE REAR-WHEEL TRACTION TYRE with all the features you're demanding

## POWER BITE TRACTION

Be it on main roads, by-roads, or no roads the Super Mileage Lug tyre's cross grooves, heavy shoulder lugs and circumferential ribbing will combine to give maximum bite and traction and long safe wear. The dual-purpose Super Mileage Lug helps reduce mechanical maintenance too. Many so-called dual-purpose tyres slip and spin causing undue strain on engines and transmissions. But with the POWER BITE TRACTION of the Super Mileage Lug, this profitdraining problem is practically eliminated.

## MORE SKID DEPTH

Deeper non-skid pattern than in ordinary highway tyres gives thousands of miles of sure-footed highway hauling.

## SUPER STRENGTH BODY

Super Gum-Dipped, Tension-Dried cords make a really strong, durable body which gives big dividends in tyre mileage and vehicle efficiency.

## **OUTPULLS AND OUTLASTS**

any tyre of its kind. Specially designed for on-and-off-the-road service where a large part of the work is off-the-road and particularly severe.

EXPERIENCE COUNTS



Firestone TYRES - consistently good

## Road Traffic Bill: "Little Hope"

From our Parliamentary Correspondent

PROTESTS at the likelihood that the Road Traffic Bill will not become law during this Parliamentary session were made when the Lords took their final look at the measure last week. Lord Silkin wondered if the same Bill could not be carried forward into another session in exactly the same form as it left the Lords.

"If we are to have another Bill introduced, and have to go through all its stages once more, as we have done with this one, I can see little likelihood of its going through even in another session, unless it is introduced at the earliest possible date." he warned.

But Government spokesmen-being careful not to admit that the Bill would be dropped-gave Lord Silkin little hope that his suggestion would be followed.

If the Commons did not deal with the Bill, the Government would be able to study further the criticisms already made, and introduce a new Bill based on that study, said Lord Chesham. Parliamentary Secretary to the Ministry of Transport.

## Rhodesian Jeep Plant Projected

IT is reported by Barclays Bank, D.C.O., that discussions have been held regarding the possibility of the Willys organization setting up an assembly plant in Lusaka, Northern Rhodesia, No decision has been announced yet. Jeep models would be made there. A repre-sentative of the Ministry of Transport and Works has said that the Northern Rhodesian Government would be pre-pared to buy from the plant some 75 per cent, of its requirements in the particular field covered.

### MULTI-FUEL LORRIES FOR U.S. ARMY

CONTRACT worth almost £8m, has A been placed by the U.S. Army with Studebaker-Packard Corporation. South Bend, Indiana, for 3,995 24-ton lorries. These will be the first vehicles to be powered by the American Army's new multi-fuel engine.

### QUINTON HAZELL AND REMAX NEGOTIATIONS

QUINTON HAZELL, LTD., have now concluded negotiations to buy half the capital of Remax, Ltd., a subsidiary Motor and Electronics Simms Corporation, Ltd. Simms are taking for cash 336,352 Quinton Hazell shares at 5s. a share.

EGYPT TO MAKE T.A.M. BUSES

UNDER a new Yugoslav-Egyptian agreement buses will be produced in the El Nasr factory at Cairo with technical assistance from the T.A.M. motor factory, Maribor. T.A.M. will also supply all equipment needed for manufacture of the buses

## Smoke Meters to be Tested **Under Field Conditions**

THE Ministry of Transport is to start making tests under "field conditions shortly to see whether some satisfactory system of measuring diesel smoke can be evolved, so that the law about its emission can be enforced.

Announcing this last week, Lord Chesham, Parliamentary Secretary to the Ministry, said the tests would involve two types of meter, neither of which was fully effective at the present time. But certainly one was showing considerable promise probably both were-and it was the Ministry's intention to see if they could be improved.

Lord Chesham had been asked by Lord Teynham, in the Upper House, whether he would now consider enforcing the prohibition of the emission of black smoke in a more rigorous manner.

"I cannot help feeling that if it became known that the Ministry of Transport intended to enforce the law with regard to this matter, we should find that no false economies would be made by not providing adequate power to deal with excessive loads," commented Lord Teyn-ham. "Transport operators generally would ensure that they had an adequate and practical maintenance programme for their fuel-injection equipment."

MORE BY ROAD

THE number of lorries in use in Canada during 1960 was a record 1.189,000 -- some 70,000 more than in the previous year. There has been an increasing use of vehicles on hire, as against ownership, and a trend towards large trailers with greater carrying capacity.

The railways have been giving hauliers tough competition by buying haulage businesses and integrating them into

coast-to-coast services



(ays (Derby), Ltd., recently supplied two A.E.C.-B.T.C. articulated outfits to Wni. H. Short, Baker Road, Newthorpe, Nottingham. The outfits have Mercury tractive units with fifth wheel couplings, and the semi-trailers are 15-ton units with 26-ft, long bodies. The same concern has placed further orders with Kays for three A.E.C. Mercurys and four Mandators.

## Municipal Contracts

Barking Council are recommended to accept the tender of Saville (Fractors), Ltd., of Staines Road, Feltham, Ashford, Middleses, ansunting to £2.861, for the supply of an International Drut Skid Shawel. The council have accepted the tender of Shaw and Kilburn, Ltd., amounting to £2.399, for the supply of a Bedford/Lacre sweeper collector; of Barking, for day the supply of two Ford 3-ton low-leading refuse vehicles, for the sum of £2.031; and (b) the supply of an Austin 30-cst van, for the sum of £725; and of Ray Powell, Ltd., of Hiford, for (a) the supply of a Karrier dual-tin refuse collection vehicle, for the sum of £2.640; and (b) the supply of a Karrier combined guily-cesspool emptier vehicle, for the sum of £2.612.

Rhea U.D.C., Mon, have accepted the tender of Dennis Bros, Ltd., of Guildford, amounting to £2.804, for the supply of a Dennis Tippax 20-cu.-yd, refuse collector with a Perkins P.6 diesel enzine and a Corten steel body.

and a Corten steel body.

Stoke-on-Trent Council are recommended to accept
the following tenders: T. Byatt. Ltd., of Fenton.
Stoke-on-Trent, amounting to 4930, for the supply
of a Bedford 35-cwt. van: Staffordshire Farmers,
Ltd., of Cannock, for the supply of a David Brown
tractor, for the sum of 6802; and North Stafford
Mostors, Ltd., of Tunstalf, Stoke-on-Trent, amounting to £1,100, for the supply of a Bedford 5-tontinping logic.

Wishesh Corporation have accepted the tender of Cambridgeshire Motors. Ltd.. of Cambridge, for the supply of a diesel-engined tractor, for the sum

of £646, less an allowance of £121 for an old tractor; and the tender of Thomas Green and Son. Ltd., of Leeds, for the supply of a 27/30-cwt. Rotter, for the sum of £1,068 less an allowance of £70 for an old roller.

an old roller,

Woreseter Council are recommended to accept
the tender of Workester Motors, Ltd., of Brook
Street, Worcester, for the supply of a Bedford 3-ton
tipping lorry, for the sum of £926. The Education
Committee have placed a contract with Burgess
Motors Ltd., for the supply of three Ferguson
reactors and a winch, for the sum of £1,626; and a
contract has been placed with Burton and Cole,
Ltd., for the supply of a 3-con lorry, for the win
of £841.

Marylebone Council Cleansing Committee

St. Marylebone Council Cleansing Committee recommend acceptance of the tender of Rootes, Ltd., for the supply and delivery of two Gibson compression body refuse container vehicles, on Rarrier chassis, for the sum of £6.850.

Bootle Corporation Watch Committee have accepted the tender of W. Watson and Co. (Livernool), Ltd., for the supply and delivery of a new Morris LD4 1-ton van; and they recommend acceptance of the tender of Ryders Autosetvee, of Bootle, amounting to £532, for a new Austin 1-ton van. The Parks and Baths Committee are to invite tenders for the supply of a Ransome Certes 18-in. motor mower and two mounted urple gang mowers, at a total estimate cost of £387. The Fire Brigade Committee have accepted a quotation of Dennis Bros., Ltd., amounting to £4450, for the supply of a Dennis F 28 Type Fire Appliance.

## SOME HORSE A HAFLINGER!

Unique Austrian Light 4 × 4 to be Imported into Great Britain at Below £700. Remarkable Crosscountry Performance Revealed on Road Test, with Ability to Operate on Slopes of 40° Severity: Aircooled Engine Gives Cold-weather Immunity



The four pictures on the left give some impression of the type of ground over which the laden Haftinger was driven during the cross-country performance trials. Slopes of up to 40° severity were climbed, descended and traversed, and because of the positive drive to all four wheels good traction was maintained on all inclines. Below, the Haftinger is seen at speed travelling along a stream, the depth of which exceeded 18 in. in parts.



THE Austrian word Haflinger describes a type of powerful horse bred for work in mountainous districts. Of late, however, the name has been adopted by Steyr-Daimler-Puch A.G. for a novel lightweight 4 x 4 machine which was originally developed for the Austrian Army. The manufacturers of this vehicle were obviously being modest with their choice of name: I doubt very much whether any horse could carry two men and a 4-cwt. payload over the sort of terrain which the mechanical version can.

Yet, despite its diminutive dimensions and engine size, the Steyr-Puch Haflinger can carry the load already mentioned up, down and across slopes of 40 severity, through more than 18 in. of water, across ground so slippery that a man cannot gain a footing, and through "solid" ground so wet as to leave a wake behind the vehicle, whilst, at the same time, being light enough to enable the vehicle to be bodily lifted in the unlikely event of it becoming hopelessly bogged down.

The Haflinger's low weight affords an unusual safety margin also in that it can be completely turned over without either the vehicle itself or its occupants sustaining noticeable damage, after which manœuvre it may be easily returned to its four wheels by said occupants.

In other words, the Steyr-Puch Haffinger has a cross-country performance considerably better than any other vehicle of similar type as yet tested by *The Commercial Motor*, whilst being compact and manœuvrable.

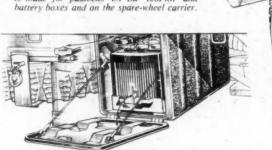
Couple this with a governed maximum speed of just over 40 m.p.h. (which can be exceeded by

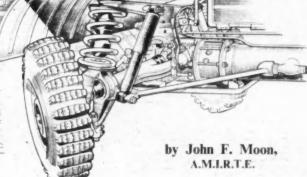




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(Right) This drawing shows the near-side front suspension and swing-axle layout. The special tread pattern of the Semperit tyres will be (Below) The battery can be drawn out onto its box lid for easy servicing. Provision is made for padlocks on the tool-kit and battery boxes and on the spare-wheel carrier.





over-ridden by at least 10 per cent. In unit with the engine is a four-speed all-synchromesh

gearbox, none of the ratios of which are direct, and this box incorporates the spiral bevel reduction gearing (4.22 to 1) to the rear wheels. The rear end of the output shaft carries the rear-wheel-drive pinion, whilst the front end of the shaft connects with the front-wheel-drive shaft which runs through the tubular "spine." At the forward end of this shaft there is a dog clutch by which engagement of the drive to the front wheels can be effected by the driver.

of the test vehicle it was found that the governor could be

Swing axle layouts are used at front and rear of the chassis assembly, the drive shafts being enclosed within tubular members which carry spur-gear secondary reduction trains at their outer ends. There is a choice of three ratios for these trains—2.38, 2.72 or 3.0 to 1—and this choice decides maximum speed and hill-climbing capability. The test vehicle had 2.72-to-1 gearing.

The suspension at front and rear consists of coil springs supplemented by hollow rubber auxiliary springs, the combined system being controlled by telescopic dampers. This layout permits independent vertical wheel travel of

Independent suspension of all wheels is not, however, the complete clue to the success of the Haffinger as a crosscountry machine. Where it differs from normal design concepts for this type of vehicle is that both the front and rear differentials can be locked by the driver at will, whilst in any case engagement of front-wheel-drive locks the drive between the front and rear pairs of wheels.

Thus, with all three locks engaged there is positive drive to all four wheels so that even if one front wheel and one rear wheel were inclined to spin, each of the other wheels will still give positive traction. I believe this to be the only vehicle of its size with this form of drive, and it obviously accounts for the mountain-goat surefootedness.

In most other respects the Haffinger's specification is fairly normal. Hydraulically operated leading-and-trailingshoe brakes are employed at all four wheels, the hand-brake lever acting mechanically on the rear wheels only, whilst conventional Z.F.-Gemmer worm and roller steering takes effect on the front wheels. The Haflinger is available only as a forward-control design, with left- or right-hand drive, and all the 700 AP models have a passenger seat alongside the driver's seat, plus two folding seats behind the driving compartment which when stowed away form a continuation of the payload platform.

The basic Haffinger has no cab or body sides, although a folding windscreen is provided. The next step is the type as tested, which has a canvas cab and doors, together with shallow fixed body sides, whilst there is a personnel-carrier version which has an all-enveloping canvas body and four

5 m.p.h. or so on level stretches) and an unladen fuelconsumption rate of 45.5 m.p.g., and it is easy to understand why this design has been adopted in considerable numbers by several European armies, in addition to having proved a popular machine in such civilian fields as farming, forestry, fire-fighting, surveying and civil-engineering work.

The Haflinger was introduced to the public at the Frankfurt Motor Show in 1959, and was briefly described in the September 25, 1959, issue of The Commercial Motor dealing with that exhibition. At that time there was no question of the vehicle being available in Great Britain, but since then Ryders Autoservice, 215/217 Knowsley Road, Bootle, Liverpool, 20, who have for some years been concessionnaires for Puch mo-peds, scooters and motorcycles, have undertaken to import the Haflinger, the British price of which has been fixed at £697 10s., including import duty. All versions are to be handled by Ryders', including a "de luxe" model with plastics cab.

In my opinion the Haflinger is well worth this amount for people who seriously need a true lightweight crosscountry vehicle, and who are more concerned with its offthe-road performance than its use as a town carriage. The value-for-money aspect is particularly enhanced by knowledge that the Haffinger was designed and developed essentially as a military machine, therefore "expense is no object" and "results regardless of cost" were the watchwords of the designers rather than adhering to the

principle of building down to a price.

The specification of the Haflinger is so technically interesting that it could not be fully described in a mere four pages: visual inspection of the vehicle itself and the manufacturer's literature reveal all the subtle novelties of the design. Briefly, however, the Haflinger is based on a "backbone" chassis frame consisting of a single tube, on the rear end of which is carried the engine-gearbox assembly and the rear-wheel drive and suspension units, whilst the front-wheel transmission and suspension are mounted on the forward end of the tube.

The engine is a flat-twin air-cooled four-stroke unit with a swept volume of 643 c.c., and a net (DIN) power output of 22 b.h.p. at 4,500 r.p.m., the peak torque output of 29 lb.-ft. occurring at 2,500 r.p.m. This power unit is a well-tried assembly, being employed in the Steyr-Puch 500 private cars also, and cooling is provided by a ducted fan

driven from the crankshaft by twin V belts.

Engine speed is controlled by a belt-driven governor when the unit is used in the Haflinger, although on the private cars no such governor is fitted. Thus, governed, the road speed is restricted to between 33 and 40 m.p.h., according to the final-drive gearing, although in the case

## ROAD TEST No. 712/M171-STEYR-PUCH HAFLINGER 6-CWT. 4 x 4

MODEL: Steyr-Puch Hallinger 700 AP 4-ft. 10]-in wheelbase 6/7 cwt. 4 x 4, with canvas cab and fixed-side body. WEIGHTS:

Unladen (kerb weight) Payload	**	17	12	2 3 1
			19	2
DISTRIBUTION Front wheels	**		10	2

Near Vincess V

29 to t. at 2,500 r.p.m.
TRANSMISSION: Through Fichtel and Sachs
6.3-in.-diameter single-dry-plate clutch to fourspeed synchromesh gearbox, thence direct to
spiral-bevel lockable differential and via halfshafts to the spur reduction gears at the rear
wheels, and by one-piece propeller shaft and
dog clutch to spiral-bevel lockable differential
and via half-shafts to the spur reduction gears
at the front wheels.

CABLERIOS. 3.73, 2.18, 1.21, and 0.71 to 1.

GEAR RATIOS: 3.73, 2.18, 1.21, and 0.71 to 1 forward: reverse 3.55 to 1; axle ratio 11.39

to 1.

BRAKES: Towes hydraulic system, with leadingand-trailing-shoe units at all wheels. Singlepull hand brake linked mechanically to rewheels only. Diameter of drums, front 7.95 in.
rear, 7.95 in.; width of linings, front, 1.57 in.,
rear, 1.57 in.; total frictional area, 100.5 eq.,
that is 102 sq. in. per ton gross weight as tested.
FRAME: Central tubular "backbone" with two
cross-members forming suspension and bodymountring points.

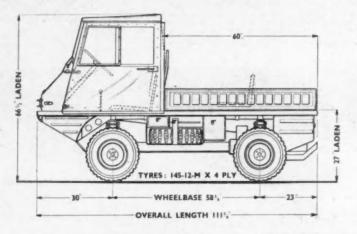
ting points

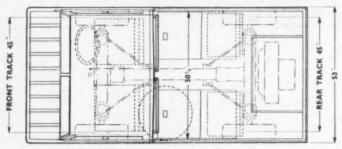
STEERING: Z.F.-Gemmer worm and roller 32 turns from lock to lock.

SUSPENSION: Independent at all wheels, with swing half axles, coil springs and rubber auxiliary springs. Telescopic dampers at all wheels.



FIRING ORDER 1 . 2 COMPRESSION RATIO 1:6-7 VALVE CLEARANCES 0:06





ELECTRICAL: 12v. compensated-voltage-control system with 42-amp,-hr, battery.

FUEL CONSUMPTION: (a) laden, 25.5 m.p.g. at 28.0 m.p.h. average speed; (b) unladen, 45.5 m.p.g. at 29.2 m.p.h. average speed, that is 24.9 gross ton-m.p.g. as tested (a), giving a time-load-mileage factor of 697.

TANK CAPACITY: 6.6 gal., laden range on road approximately 165 miles.

ACCELERATION: (a) laden, through gears, 0-20 m.p.h., 50 sec.; 0-30 m.p.h., 12.75 sec.; top gear, 10-20 m.p.h., 8.6 sec.; 10-30 m.p.h., 15.3 sec. (b) unladen, through gears, 0-20 m.p.h., 5.0 sec., 0-30 m.p.h., 11.0 sec.; top gear, 10-20 m.p.h., 5.0 sec.; 10-30 m.p.h., 11.0 sec.

BRAKING: From 20 m.p.h., 18.0 ft. (23.9 ft. per sec. per sec.); from 30 m.p.h., 38.5 ft. (25.2 ft. per sec. per sec.).

WEIGHT RATIO: 1.13 b.h.p. per cwt. gross

FORWARD VISIBILITY: To within 7.75 ft, of front panel at ground level on centre line.

TURNING CIRCLES: 23.75 ft. left lock, 24.0 ft. right lock. Swept circles: 26.75 ft. left lock, 27.0 ft. right lock.

MAKERS: Steyr-Daimler-Puch, A.G., Graz,

CONCESSIONNAIRES: Ryders Autoservice. 215/217 Knowsley Road, Bootle, Liverpool, 20

doors. There is a fourth version known as the 700 APL which, instead of a right-hand rear seat, has a power takeoff point from which may be driven a winch, compressor, welding set and so forth.

In all cases attention to detail is particularly good with respect to such things as the provision of lockable stowages for the spare wheel, 41-gal. Jerrycan and the comprehensive tool kit. An unfortunate minor point, however, is that some of the small metal fittings and bolts are not protected against corrosion, which seems a regrettable omission in a vehicle of this type which, even if only because of its aircooled engine, simply asks to be left outside in all weathers.

Before making the cross-country tests the Haflinger, which was carrying a test load of 31 cwt, to bring its gross weight to 191 cwt, with driver, passenger and test equipment aboard, was put through its paces on the road.

When making the brake-test stops pronounced front-end dipping was experienced, resulting in the Tapley meter giving readings of 100 per cent, efficiency-figures which were not backed up by the actual measured stopping distances. Hand-brake efficiency was high as recorded by the meter, stops from 20 m.p.h. producing an average figure of 38.5 per cent, in normal trim and 75 per cent, with the front-wheel-drive engaged.

Hardly any loss of braking efficiency through fade was detected when the Haffinger was coasted down a 1-mile steep hill. When descending normal main-road hills use of the brakes is by no means always necessary, transmission resistance and engine braking being sufficient to keep the speed down unaided.

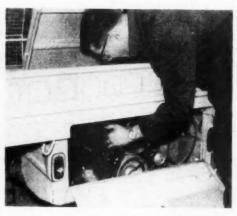
The low overall gearing responsible for this effect contributed towards making the Haffinger speedy up hills, and even on an ascent with an average gradient of 1-in-10! the road speed did not fall below 20 m.p.h. The lowest gear employed was third.

For the off-the-road trials the Haffinger was taken to a deserted, mountainous area in central Wales, and the accompanying photographs give an indication of what the vehicle was subjected to.

The manufacturers claim a hill-climbing ability of 1-in-



(Left) Full forward control keeps the overall length down and gives good forward vision. The high door-sill line restricts cab access a little, (Below) Traps above and behind the power unit simplify servicing.



1.85 on dry ground for the version of the Haflinger that 1 tested: we exceeded this by a comfortable margin, ascending some short slopes of approximately 40°, which is equivalent to 1 in 1.2. In addition to being able to go up and down such gradients, and stop on them in safety, it was also proved that the Haflinger could go across them without much fear of the vehicle toppling over, providing forward

motion is continuous.

The particularly low centre of gravity of the Haflinger is a great help when traversing slopes, but the low engine position led me to wonder how the unprotected ignition system would fare in water at least 18 in. deep. The Haflinger was taken along a fast-flowing, boulder-strewn stream of at least this depth, both backwards and forwards, and to my astonishment the engine never faltered once, although, on the debit side, braking efficiency seemed to be permanently reduced after about 15 minutes' submersion.

On the one occasion that the Haflinger did become bogged down—in some black, treacly mud bordering a tiny stream—the front of the vehicle was bodily lifted up by three of us until one wheel rested on firm ground, whereupon the Haflinger could be extracted under its own power. Ground clearance was sufficient to enable obstacles 1-ft. high to be cleared, whilst when "jumped" off the ground the 4 x 4 regained its feet in a most gentle manner.

Both on and off the road the vehicle handled very well and was in no way tiring to drive. The gearbox synchromesh was found to be very effective and the use of this mechanism on bottom gear also is valuable when crossing

rough ground.

Maintenance, particularly of the engine, is easy to carry out. The hinged flap at the rear can be opened in two seconds, whereupon the engine oil level takes 17.5 seconds to check and the air-filter level 22 seconds. I cleaned the bowl of the petrol filter in 57 seconds. Further access to the engine is given by a cowl above the unit, which can be opened and propped up in eight seconds.

To gain complete access to the engine it is then necessary to remove the air-cooling cowl and the air-filter duct, operations taking 17 seconds all told, whilst replacement takes 47 seconds. With the cowl off I removed one of the sparking plugs in 23 seconds and replaced it in 28. The contact-breaker points gap can be set with the cowl in

position, and this operation took me 2 minutes 26 seconds.

Transmission oillevel checks all have to be done from beneath the vehicle. gearbox and rear-differential level took 53 seconds to check and the frontdifferential 60 seconds. The oil level in each of the four spur-gear housings took approximately 45 seconds to check. The brake - fluid reservoir is in the cab and its level can be tested in 15 seconds, whilst another job in the same area is that of checking the steering-box oil level-

25 seconds. The box is above the level of the toe board, so is simple to reach.

All six fuses are housed behind a removable panel ahead of the steering column, and a fuse change took me only 17 seconds. The six-cell battery is housed in a sealed box beneath the left of the body floor, and the lid for this box hinges downwards to form a platform on to which the battery can be pulled out for attention, an arrangement which enabled me to check the cell levels in 45 seconds.

Following this I adjusted the brakes in a total time of five minutes, including jacking up each wheel, and as a final task I swopped the near-side rear and spare wheels in

a total time of 21 minutes.

The Steyr-Puch Haffinger is an altogether unusual and fascinating vehicle, the many virtues of which become increasingly apparent as acquaintance with the machine grows. Although unconventional, the design is entirely practicable and I doubt if it has any true equivalent anywhere in the world in the civilian field. Its successful performance undoubtedly hinges upon its small size—diminutiveness which gives no indication at first sight of the vehicle's true capacity for hard work.



Inverted by striking a boulder at speed, the Haftinger was light enough to be righted by two men. The engine started immediately after this, and no serious damage was occasioned to either vehicle or occupants.

## Electronic Vehicle Control is Application of Electronic a Reality

Application of Electronic Control to the Farm Tractor and the Works Truck Prove the Potentialities of Automatic Movement of Goods

By P. A. C. Brockington, A.M.I.Mech.E.



Electronic control of driverless works trucks is now a reality,
and automatic control has been
applied to the farm tractor to provide
guidance of a vehicle on farm premises.
Whereas the trucks are of the batteryelectric type, the tractor is driven by a
diesel engine. A form of automatic
tractor control is planned which will
enable such a unit to be used for
normal work in the field without a
driver.

These successful applications of electronic control to farm tractors and industrial trucks may be indicative of developments in the fairly near future of far-reaching importance to the roadvehicle industry.

Many years ago it was forecast by electronic engineers that a road network would eventually be established that would provide automatic control of vehicles running at high speeds over long distances which would enable the driver to relinquish control, or the vehicle to be guided to a terminal, without a driver.

It is not necessary, however, to take



Electronic control has been applied to an International B-250 farm tractor by the Farm Mechanization Department of Reading University. Guided by a cable the tractor (above) can be operated without a driver on farm prentises to follow normal carting routes and to run a shuttle service between field and plant. (Left) The system was proved practicable before its application on a tractor by means of this model. Mr. V. M. Owen, of the Electrical Research Association, seen here is the designer.

this long-term view to appreciate the more immediate scope of electronic control in the organization of internal vehicle movements in warehouses and depots and, of possibly greater interest, the control of electronically operated tugs for movements of vehicle trailiers and so on at termini, It is significant that, compared with the guidance of a tractor engaged in field operations, the automatic control of vehicles in a depot would be relatively simple.

Introduced last year by British Railways at Wolverhampton, Herbert Street Goods Station, a pilot scheme has been successfully operated whereby a number of Robotugs, supplied by E.M.I. Electronics, Ltd., are automatically controlled to perform a series of movements in the railsheds. This affords a considerable reduction in the manpower required and many operational advantages.

A total of five Robotugs is employed and the vehicles are guided by cables, laid } in. below ground surface, which are energized by an alternating current of 16 of an amp, of specified frequency, each section comprising a single cable. The magnetic field created by the current induces a voltage in two sensing coils located under the tug, and this is amplified by a two-stage transistor unit. A reversible motor is connected to the steering linkage, and if the tug deviates from the course the voltage in one of the coils is increased. which causes the motor to actuate the steering in the appropriate direction to provide the necessary corrective. In the event of current failure or breakaway of the tug the brakes are automatically applied. A spring-loaded safety bumper on the front of the vehicle is fitted with a micro-switch. which opens the traction motor circuit if the tug encounters an obstruction. and the vehicle is brought to rest. Operating speed of the tug is 2 m.p.h.

Tug movements are controlled by a series of switches, connected to an electronic programming unit, actuation of which selects the route to be taken and the stopping points.

In a typical operation the tug is reversed into position in front of a number of loaded trolleys and automatically coupled to the leading trolley with the aid of switches on a terminal post and on the vehicle. A starter button on the tug is used to switch in the programming circuit, and the vehicle automatically proceeds in sequence to various points in the shed. The tug automatically stops at each point and is restarted by operation of the starter button.

When the vehicle reaches the end of its route, actuation of a "homing switch" dispatches the vehicle back to the loading point. If the vehicle is required to operate outside the cable system it can be equipped with a manual lever for driver or pedestrian control.

A new type of automatic block system is in use whereby any number of vehicle trains can operate over a common network of routes. This system ensures that there is always an empty space between each train, and the form of programming control fitted to the vehicles enables an operator to select its destination at any point in the system.

An electronically controlled tractor evolved by the Farm Mechanization Department of the University of Reading, in conjunction with the Electrical Research Association Field Station, can find its own way around a farmstead or be guided to a particular field. It can operate on regular carting routes or, for example, on runs between a tanker combine and the grain receiving pit. A cable system is employed similar to the Robotug type, the sensing coils of the tractor being in circuit with a balance relay which controls

solenoid-operated hydraulic valves. A conventional hydraulic steering booster is used, and oil is supplied to a double-acting ram in accordance with any correction of the steering required by deviation from course.

Electrical and hydraulic circuits can also be employed to provide an emergency braking system to operate the hydraulic lift or to engage the powertake-off shaft. If necessary, signals can be transmitted along the wire to stop the tractor, or to raise a mounted implement, without affecting the steering system.

When the control has been switched off, the tractor can be driven in the normal way. The cable system can be used for telephone communications at very little extra cost.

In the opinion of Mr. K. E. Morgan, University of Reading Farm Mechanization Department, the guidance of tractors under programme control during field operation could best be provided by three infra-red-ray transmitters on the field boundary which would swivel in unison, and the tractor would follow the point of interception of the three beams. The self-navigating control unit would be employed in place of the cable control system as soon as the tractor entered the field.

The more complicated operations envisaged in this project show the potential of electronic control for road vehicles on site work. At a recent meeting of the Institution of Agricultural Engineers, West Midlands branch, in Birmingham, Mr. Morgan read a paper on the "Electronic Control of

Agricultural Machinery," and in answer to a question during the discussion said that large variations of load on the tractor could be accommodated automatically, given that the vehicle were equipped with a hydrostatic infinitely variable drive or the equivalent.

Reverting to the cable system, this could undoubtedly be applied to the movement of vehicle trailers (equipped with an electronic power trolley) in such a way that, once the vehicle was positioned in an appropriate parking area, all internal movements could be controlled by a switchboard operator from a central office, who would not necessarily have sight of the vehicles.

Although leader cables are normally laid below the surface of the ground, they can be located above ground for temporary operations. Because the signal between the cable and the vehicle sensing units is the function of a magnetic field, a film of mud or layer of grit on the cable does not affect the sensitivity of the system. It would not seem far-fetched, therefore, to consider the possibility of tipping vehicles being operated automatically on short runs between loader and tipping area on an excavating site.

According to the Radio Corporation of America, it is possible to conceive automatic freight roads, onto which loaded trucks from a marshalling yard would be guided automatically and eventually directed to their destination by a programming system.

It is also stated that it is feasible to design an almost completely automatic warehouse with provision for collecting material from storage and for loading on road vehicles by the application of electronic control.

R.C.A. also emphasize that there is a number of uses of an electronic detection system which could be immediately applied to trunk and secondary roads. At intersections controlled by traffic lights, detectors could be employed to measure traffic flow along each lane and to regulate the lights so that the green periods were proportional to flow. Other applications suggested by R.C.A. include the installation of detectors on brows of hills, and on curves, which would signal the approach of another vehicle by means of warning lights. It is pertinent that engineers of the New York Port Authority are applying R.C.A. detectors for experiments in traffic control in the Lincoln and Holland tunnels.

R.C.A.-type vehicle guidance loops and leader cables and R.C.A. detector units are installed at the Road Research Laboratory test track at Crowthorne



Supplied by E.M.I. Electronics, Ltd., Robotug cable-control battery electric trucks are being employed by British Railways at Wolverhampton Herbert Street Goods. Station. Movement of the tugs is programme controlled, and they stop automatically at pre-determined points on the selected routes.

## One Offence—Two Convictions

N OW that the Dent "serial" is almost at an end (there is still a part-heard prosecution against the company to be completed in the Spennymoor magistrates' court), the time would appear to be ripe to ask, once again, whether it is proper and just for a haulage contractor to be tried and convicted of the same offence twice. This happened to Dents Transport (Spennymoor), Ltd., of Tudhoe Colliery, Co. Durham—or so Mr. T. H. Campbell Wardlaw, the company's solicitor, alleged—at Darlington magistrates' court last month when the company, having had their licence revoked, were convicted of offences which had been taken into consideration by the Northern Licensing Authority, Mr. J. A. T. Hanlon, in deciding to revoke their licence.

What has happened to Dents is common knowledge among the majority of hauliers. They applied for additional facilities some two years ago. After several adjournments Mr. Hanlon, who more or less accused them of constantly switching and "promoting" vehicles so as to gain increases in weight, refused their

application.

From then onwards Dents have had numerous prosecutions and prohibitions recorded against them, which culminated in the revocation inquiry, wherein Mr. Hanlon accused them of (and took into consideration) some 35 offences relating to drivers' records and vehicle maintenance since the formation of the company in 1955, and also 24 prohibition notices.

Prior to that inquiry, Mr. Hanlon gave notice that he would investigate three further breaches of licence conditions involving the use of a vehicle in August, September and October, 1960. Having satisfied himself, after hearing evidence, that the allegations were true, Mr. Hanlon proceeded to take these three specific breaches into account in coming to his decision to revoke.

Since this decision (which the Tribunal, in their written judgment, say was "too harsh") there has been much activity between London and the Northern area. Mr. Wardlaw appeared before the Tribunal, in chambers, to stay the decision, and was successful. Mr. Hanlon attempted to counter this by sending an affidavit to the Tribunal; but no action was taken. The appeal was then hurried forward and resulted in the reinstating of the vehicles with certain nominal suspensions.

The company has since appeared before the magistrates in Spennymoor and Darlington, to answer further charges brought on behalf of the Northern Licensing Authority.

It is at Darlington where the interest lies, because here the company were charged with the very same offences that Mr. Hanlon inquired into and took into consideration, during the revocation inquiry. Mr. Wardlaw, before pleading guilty—he had no option, in view of the evidence given to the L.A.—submitted to the magistrates that the matters raised in the information were res judicata and the magistrates had no jurisdiction to deal with the charges.

Objecting To What?

THE Metropolitan Licensing Authority, Mr. D. 1. R. Muir, remained silent when a plea was made to him, by Mr. C. R. Beddington, about the inadequate way objectors complete their notices of objection. This happened at the commencement of an application by H.M.W. Transport, Ltd., when over 50 independent hauliers objected.

"It would help," said Mr. Beddington, "if you would point out to objectors—and to those who represent objectors—if, in their notices of objection, they really say what they are objecting about."

If there was any particular point, would they please indicate it, he requested.

Mr. Beddington complained that a good many of the objections he had were just formal notices, without giving any indication of the services of the objector, how many vehicles they had and on what licences, or how they were affected by the application.

by the application.

He continued: "If you look at some of these notices, you would be surprised by the appearance of operators who specialize in carrying building materials, agricultural produce and other commodities, which seem to have little relation to furniture vans." (H.M.W. were applying to carry new furniture.)

Not only had Mr. Hanlon dealt with the matter but the Tribunal had heard the appeal and pronounced their judgment, and Mr. Wardlaw stressed that it was important that the court should be aware of the facts, that whereas the Licensing Authority was purely an administrative official, the Transport Tribunal was a Court of Law; in fact, not only a Court of Law but a Court of Record. After hearing Mr. B. G. Montgomery, who had prosecuted Dents on behalf of the L.A. right the way through, say that this was not so under the Magistrates' Courts Act, the magistrates overruled Mr. Wardlaw and proceeded to hear the case.

Mr. Wardlaw, I understand, is considering whether or not to put his legal opinion to the test by appealing to the High Court. It is certainly worth a try because, as things stand at present, it does seem that the haulage contractor can be punished doubly for the one offence which, using words so often quoted in the courts, would be a travesty of British justice.

## Drivers Who Break the Law

A N application by A. Fletcher and Co., Ltd., of Ibstock, Leicester, heard by the East Midland Licensing Authority last month, revives once more the vexed problem of the automatic prosecution of hauliers whose drivers are found to be breaking the law with respect to the keeping of records.

In the case of Fletcher's, it was stated during the hearing that between June, 1959, and February, 1960, the concern had been fined a total of £245 for such offences. It was said, on their behalf by Mr. A. C. G. Rothera, presumably in mitigation, that very great endeavours were being made to ensure that there was no repetition. "We are devising entirely new schedules to allow such a margin of time that if these offences are committed again by our drivers, we should be able to prove that it was entirely their fault."

This perhaps, will give the Authority and the company some satisfaction, but it will not prevent their automatic prosecution in the future if their drivers err; nor will it prevent them from being convicted the moment the driver concerned pleads "guilty."

It is common practice for drivers to take their vehicles home with them at night and to set off early the following morning. Yet, if a discrepancy is discovered and the driver admits a wrong entry, his employer is convicted. How can it be possible for the employer to exercise control over drivers who may not even start off in the morning from their depot?

The law, which embarrasses even the advocates who are prosecuting, is harsh and should surely be changed.

## Mr. Hodgson's Dangerous Afterthought

No one can dispute that the Conway grant is a novel one. What exactly does it amount to? It means that Conway Sand and Gravel, Ltd., of Rushden, have been granted a B licence to operate 30 vehicles of no greater unladen weight than 4 tons each, with a normal user enabling them to carry "excavated road making and

building materials suitable for haulage only by tipping vehicles to and from sites of motorways, new or diverted main roads, power stations and building sites within 150 miles of Rushden.

Already the company were operating a otal of 21 vehicles-12 in the West Midland traffic area, and nine in the North Western area-and Mr. C. R. Hodgson, the East Midland Licensing Authority, ordered these to be surrendered. So the grant is in respest of an additional nine vehicles only but with an extremely wide and, in one respect, loose set of conditions. The radius in itself, despite the fact that it was cut from the 250 miles as prayed, is a good one. It covers many of the areas where vast construction works are going on.

The only danger-with a capital "D" is the last named commodity in the conditions, which seems to have been put in as an afterthought but which, really. on its own covers all the other commodities mentioned-"building sites."

surely, is a big loophole.

Mr. Hodgson, in his decision, said: "I am relying on the undertaking given by Conway that he would use his vehicles in connection with large building sites only." Well. . . . "large" building site? How big is a

The line should be drawn somewhere. How is an enforcement officer, a policeman or an official in the L.A.'s office really going to be able to decide. Here. the only comeback, if something were found to be wrong, would be a false declaration of intention" clause.

In view of the evidence that came out during the case-from John Laing and Tarmac Civil Engineering, Ltd., who used such terms as, "This is the thing we have been waiting for for years," and, "If the large people were not available, we would do it ourselves "-and further having regard to the objectors who, in evidence, confirmed their unwillingness to go long distances for loads; all in all, despite the uniqueness of it and despite, I repeat, the unfortunate last two words in the commodites to be carried, this grant can really be said to be one of immense value-to help along the progress of such modern developments that are taking place today.

Because of the very nature of their work, tipper operators are tough, hardworking individualists. They fear very much this type of open licence, but unless and until they can form themselves into larger syndicates (some are attempting to do this) they can never successfully compete with applications such as the Conway one, which, remember, was originally for 52 vehicles operating within

a radius of 250 miles.

## Revision of the Law

DUNSTABLE CORPORATION. who appealed against a decision by the Metropolitan Traffic Commissioners (in October they granted Luton Corporation consent to run public service vehicles " on certain roads within the Metropolitan Traffic Area, but beyond the boundary of Luton") did not, on the whole, come off too badly. despite the fact that their appeal was dismissed.

Their appeal took the form of a series of challenges against certain principles laid down by the statutes. Mr. J. Smith, Dunstable's town clerk, raised certain

general points.

He challenged the validity of document PSV/C (the "memorandum on appeals' which is issued for the guidance of appel-He said that there was no authority for the statement in paragraph 9 that an inquiry "does not take the form of a re-hearing of the application and, as a general rule, additional evidence is not admitted." He asked that this should be brought to the notice of the Minister and that he (the Minister) should be asked to quote the statutory authority for the statements contained in the memoran-

Another thing he wanted to make clear was that his council felt that the present legislation was quite inadequate to provide them and other councils with an opportunity for giving their views on the adequacy of transport within their area; to protect, or to allow the travelling public to protect themselves; or to get

en adequate service.

In the Minister's decision on the case, based upon recommendations made by the Inspector who heard the appeal, he said that the Commissioners' decision would stand and that it was remiss of the Luton Corporation that they had only belatedly applied for consent. The decision went on to say that, with regard to the remarks about paragraph 9 of the memorandum: "As the Inspector had a verbatim shorthand note of the proceedings before the Commissioners, it would be unnecessarily prolonging the proceedings if the evidence were repeated." Since the appeal was against the decision reached on the evidence, it would be wrong for the Minister to take account of additional evidence; but additional evidence was not rigidly

The decision went on to say that the Minister accepted that the prime motive of the Luton Corporation in lodging the appeal was to draw attention to its position that, as a local authority in the Metropolitan area, it had no rights of representation. "He (the Minister) is not unaware of that point and will keep it in mind for further consideration when suitable opportunity arises for possible revision of the law."

Dunstable will have to pay the costs of the appeal, but, after all, they achieved their object.

## Rise and Fall Clause Important

WHEN he was told that employees to be carried on works services would be requested to contribute towards their fares after a period of 12 months, Mr. Idris Owen, chairman of the South Wales Traffic Com-

missioners, very wisely-after granting the applications of Saith Jones (Tours), Ltd., of Aberaman, and Miss Margaret Roberts, of Maerdy Rhondda-said that he was concerned with the responsibility for the carriage of employees and would "look again" at the position in a year's time.

This very point was argued before the Northern Commissioners when Graham Brothers, of Blaydon, appeared to make a short-term application for road service licences to carry workmen from the surrounding area to the site of the Sunderland-South Shields Water Board's new reservoir at Edmundbyers,

Mr. J. R. C. Samuel-Gibbon, for Graham Bros., opened the case by saying that, after careful consideration, he had decided that what his clients wanted was straight-forward contract carriage operation. He then gave his reasons.

The men were employed by John Mowlem's, who paid them allowances and gave conditions in accordance with the Working Rule Agreement of the Civil Engineering Construction Conciliation Board for Great Britain, which laid down that it was a long-standing principle of the industry that a man was normally taken on at the job.

However, under a clause headed Transport provided free by employers, it stated that a certain sum would be paid for travelling to and from work a distance in excess of four miles, and stated that the provision of free transport by the employer in addition to the appropriate monthly allowance "shall deemed to be a payment for travelling allowance to the workmen within the meaning of the Rule."

As it was clear that transport was provided free by employers; how could it be said that there was a separate payment in any shape or form made for the carriage of individual passengers? The question was whether the payment (3d. per mile) in excess of the four miles, to which the employee was not entitled if he got free carriage, constituted a payment. Mr. Samuel-Gibbon did not think

Coming to the crux of the matter, the Chairman, Mr. Hanlon said that in the agreement Mowlem's had with the Water Board, there was a "rise and fall" clause. If that were invoked in respect of the travelling allowance, Mowlem's would certainly claim an increase from the Water Board, which meant there must be a payment.

Mr. Samuel-Gibbon, adhering to his contention that no road service licence was needed, said that unless and until the rise and fall clause was invoked there was nothing to indicate that there was anything in the way of direct payment per passenger in the agreement. If circumstances changed, his clients would

have to make an application for a licence. Suffice it to say that the daily carriage of these workmen has gone on since then and, despite the Commissioners' opinion that a licence is needed, no substantive application has been made and no proceedings instituted against Graham Brothers for illegal operation.

## COMMENTARY by JANUS

## IN A TANGLE

OMPARISON between the written judgement of the Transport Tribunal in the Merchandise Transport case and the earlier written decision of the Metropolitan Licensing Authority brings to mind the gladiatorial contests in the days of ancient Rome between a man with a sword and another with a net and trident. The Licensing Authority hacks his way towards what seems to him a sensible conclusion, whereupon the tribunal proceed to entangle him in a coil of words and jab him gently wherever they see an opening.

On each occasion that he ventures to express an opinion, they make plain that they do not share it. He suggests that it would be against the clear intention of Parliament and against the public interest to allow private carriers with surplus capacity to make inroads into the business of professional hauliers. The tribunal retort "we are by no means certain that we understand this passage", but nevertheless construe it as something that was disposed of four

years ago in the decision on the Reed case.

THE Licensing Authority makes a distinction between the desire of Harris Lebus, Ltd., to employ Merchandise Transport, Ltd., to carry their goods and their desire that the vehicles should have A licences and earn extra money from return loads. In other words, the Harris Lebus group as a whole were interested in the case both as customers and as hauliers. It is evident that the Licensing Authority thinks their main interest was as hauliers and that the other interest was subordinate. The tribunal refuse to accept the distinction and say that "he was confusing the object sought with the motive for seeking it."

The Licensing Authority is also called to order for indicating that the application was bound to fail, because the objectors had established that the proposed services would be in excess of requirements. The tribunal go further. They do not even think that the objectors established their claim. The Licensing Authority, "if we understand him aright," was contending that, provided traders, although only occasionally, had a choice between two or more carriers, transport facilities in the district had become "in excess of requirements." "We do not think these words

ought to be so construed," say the tribunal.

The final legal decision on the whole tangled case is now to come from the Court of Appeal. Hauliers, even if they still hope for the best, must prepare themselves for the worst; and the worst could be very bad indeed. There is little comfort in the tribunal's decision if it stands. The Licensing Authority may not have to grant all the vehicles for which he was asked. The tribunal point out that there was a boom in the furniture trade during the period covered by the statistical information supplied by the applicants. He is enjoined, however, to grant sufficient vehicles to carry the traffic now carried by Harris Lebus, Ltd., under the C licences they are to surrender.

THE surrender is made a condition of the grant and Harris Lebus, Ltd., must also promise not to apply for any C licence during the currency of the licence now to be granted to Merchandise Transport, Ltd. Such a provision has been made in other cases and presumably the necessary undertaking has usually been given with a light heart. But, to borrow an expression from the tribunal: "I am by no means certain that I understand this passage."

Section 174(3) of the Road Traffic Act, 1960, compels a licensing authority to grant a C licence with two exceptions, neither of which refers to an undertaking such as the tribunal are now exacting. It would be interesting to know what action could be taken if a trader who had given the undertaking proceeded to ignore it. He could not be refused a C licence if he asked for one, and it would be difficult to penalize the subsidiary haulage company, who would nominally be blameless.

In the present case Merchandise Transport, Ltd., asked for a total of 119 vehicles and are likely to get most of them. The object is the A licence, the motive is to make money—the distinction is the tribunal's. The same motive animates many other traders and they may soon make the transition to the same object. The decision, if it stands, appears to give almost any C-licence holder the freedom, if he so wishes or if it is worth his while, to exchange his C licence for an A licence. A number of preliminary steps have to be taken, but they do not present insuperable difficulties and there are bound to be advisers and helpers on hand.

Whether or not this development is good for trade and industry and for transport operators, and whether or not it is strictly in accordance with the letter of the law, it was almost certainly not envisaged by Parliament when they passed the Road and Rail Traffic Act, 1933, and the later Transport Acts. It seems reasonable to suggest that Parliament should be given the opportunity to look at the matter

Hauliers are almost bound to ask for this to be done if the Court of Appeal do not see fit to disturb the tribunal's decision. A request for changes in the law must always be made with diffidence. The people who draft legislation and the people who pass it are apt to take the opportunity provided by any new measure of including items not envisaged, and even actively disliked, by the original sponsors. With the transport industry as it is, there may be many items, not necessarily in the interests of road transport, that the Government would like to see on the Statute Book. Hauliers may find themselves both supporting and opposing a new Transport Bill that is ostensibly sent on its way for their benefit and with their blessing.

THE actual volume of applications similar to those in the Merchandise Transport case will in the end influence the decision of the hauliers whether or not to press to the utmost the demand for new legislation; and it will no doubt have a similar influence on the Minister of Transport. If many hundreds, or even thousands, of vehicles are to be switched, there could well be a serious dilution in the strength of the A-licensed fleet as a whole. The Government may be more inclined than hauliers to wait and see whether this happens.

The pros and cons will be argued before the Court of Appeal by representatives of the same parties that have taken the case step by step through the earlier stages. Many other interests will be curious or anxious to learn the result. They include not only hauliers and a good many traders and manufacturers, but also the Government and Parliament. One only wishes it were possible to know on which side these various interests would like to see the

scales of justice fall.

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WARSAW

## 'Congratulations, Peter Chapman!'

(Managing Director of Premier Coaches-of Guilsborough, Northampton.)



Church of St. Basil, Moscow

## Peter Chapman says:

"I wanted to prove that it was possible to travel by coach from London to Moscow and back within five days.

"Had it not been for unforeseen delays at the Polish frontier—of  $5\frac{1}{2}$  hours on the outward trip and  $6\frac{1}{2}$  hours on the way back—we should have completed the return journey in very little more than *four* days.

"The coach, YBD 1, is a standard Bedford which will now go into service in my fleet; an SB model with a 41 seater Yeates 'Fiesta' body, powered by the Bedford 300 cu. in. diesel and

equipped with a Bedford 2-speed axle and 5-speed overdrive-top gearbox. All-up weight was over 7 tons.

"Special thanks are due to Mobil Oil, who provided all the fuel and organised re-fuelling at the East German frontier, and to B.E.A., who provided a steward and catering facilities.

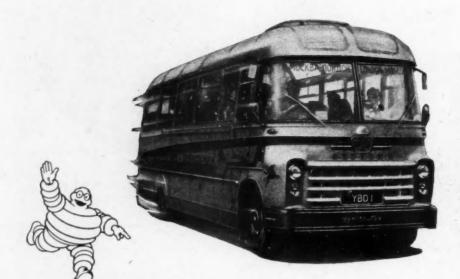
"Fuel economy at this very high average speed far exceeded my expectations; we recorded 17.2 m.p.g. for the whole trip.

"I believe this was probably the fastest return journey to Moscow ever made from Britain by road".

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## London to Moscow and back on Michelin 'X' tyres at 17.2 MILES PER GALLON

(average speed 51.6 m.p.h.)



On Michelin 8.25-20 'X' tyres this standard Bedford 41-seater diesel chassis with 'Fiesta Continental' Yeates body, owned and operated by Peter Chapman of Guilsborough, covered the journey of 3,823 miles in 72½ hours running time.

You save fuel

MICHELIN'X



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## New Equipment and Publications

## **High-speed Cutting-off Machine**

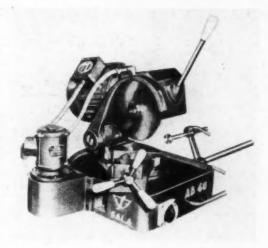
A NEW high-speed cutting-off machine has been introduced by Soag Machine Tools, Ltd., Jaxon Street, London, S.E.11. The machine, which is called Model AB60e and is made in Italy, is a circular saw which has a maximum capacity of 24 in, diameter round material.

Mitre cutting is carried out by swivelling the cutter head. An engraved scale is provided for setting the angle of cut which can be up to 45° in either direction.

The machine is supplied with complete

electrical equipment suitable for 400/440/3/50 supply, coolant installation, universal vice, depth of cut stop, double indexing work. length stop and saw blade. Space required is 2 ft. 2 in. x 2 ft. 2 in. x I ft. 10 in. and total net weight is approximately 265 lb.

It costs £130.



## New Dexion Cutter

PORTABLE cutter for their slotted angle is now obtainable from Dexion, Ltd., Maygrove Road, London, N.W.6. It is known as the Mark V Cutter.

In use, the Dexion angle is fed along the guide under the cutter, and the handle, which is in line with the guide and supports, pressed down. It is said that longer blade life is given, and that mitres are cut more easily with this latest model.

Price of the cutter is unchanged at £8 10s.

The Dexion portable cutter, showing the method of cutting a mitre.

## Illuminated Compass

BUILT-IN illumination can now be incorporated in the Polco Model 5000 compensatable vehicle compass, sold by the Pool Clock Co., 90 Aldersgate Street, London, E.C.1

Retail price with this addition is £2 5s. compared with £1 15s. for the standard

## Traction Batteries

FOLLOWING recent developments in traction batteries, Crompton Parkinson, Ltd., Crompton House, Aldwych, London, W.C.2, have issued a new catalogue describing their products in this field. Details are included of a new type

of battery which is now available. It is of tubular construction and gives a substantially higher ampere-hour capacity, size for size, than before.

The catalogue explains in detail the types of traction battery manufactured, and issued with it is a smaller booklet containing all the necessary technical data and information.

## Re-formulated Shampoo

THE makers of Autobrite and 3-in-One products, E. R. Howard, Ltd., of Ipswich, have changed the formula of their Shim shampoo.

When tested, the shampoo was found to be effective in removing mud and grease, and when rinsed off left no deposit or water mark on the paintwork.

Shim shampoo is sold in 3s, cartons containing six sachets. One sachet was found to be sufficient to wash a large car or van.

## P.v.c. Upholstery Material

NEW, high-quality p.v.c.-coated upholstery material which is very similar in appearance and feel to leather. but costs much less, is being marketed by Bernard Wardle (Everflex), Ltd., of Caernarvon, North Wales, under the name Everflex Plus.

It is available in a width of 50 in. and has a broken twill backcloth. Claims for the material are that it is tough, durable. not easily damaged by acids or alkalis and easily cleaned with a damp cloth or warm water and mild soap.

## Paint Booklet

NEW 56-page handbook from Camrex Paints, Ltd., Hudson Road, Sunderland, gives details of the full range of paints and surface coatings made by the concern. Many of the products are intended particularly to provide resistance to corrosion and chemical action.

## High Temperature Masking

MASKING tape able to be used in modern high temperature paint applications such as those involving high bake enamels and epoxy resin based paints is now produced by The Soag AB60e cutting-off machine.

Paynes Juffytake, Ltd., Cromer Street, London, W.C.I. The tape is a lamina-London, W.C.I. The tape is a lamina-tion of Paper Masking Tape No. 561 superimposed on Polyester Silicone Tape.

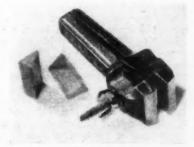
In production work, this material is said to have proved completely efficient and is currently being used for operations involving four storings each of one hour at 200°C. Following such processes the tape is said to be removed easily and leave no trace of adhesive residue.

## Light Hand Vice

A SMALL hand vice is now made by Rolls Tools, Ltd., 154-156 Blackfriars Road, London, S.E.I. The tool is made of light alloy and has a maximum opening of 14 in.

Horizontal and vertical grooves in the jaws facilitate the gripping of round objects, and plastic jaw covers are supplied for use when the surface must not be scratched.

Retail price of the Rolls hand vice is



Plastic jaw covers are supplied with the Rolls hand vice to safeguard polished surfaces

## Short Motor Leaflet

AN ILLUSTRATED leaflet has been issued by Vauxhall Motors, Ltd., giving details of the Vauxhall and Bedford "Short Motors" assemblies. These are partial engines with new components used throughout,



## BRADFO GOLDEN TROLLE

by Ashley Taylor, A.M.I.R.T.E.

(Above) A feature of this trolleybus, seen in Victoria Square, Bradford, is the one-piece power-operated sliding door of the rear entrance, this door being open when the picture was taken. Note the rear bumper bar.

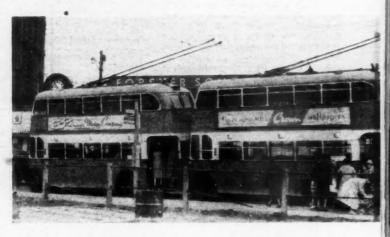
P in Bradford there are golden jubilee celebrations this week. A passenger transport committee jubilee lunch has been arranged and tomorrow there will be a celebration dinner, with the addition of trolleybus tours that will display the Corporation undertaking to the public it serves.

Bradford Corporation has recently completed 63 years of passenger transport operation, but it is the golden jubilee of the undertaking's trolleybuses that provides the occasion for a measure of self-congratulation, for the Yorkshire city was the pioneer of this form of traction in Great Britain.

The actual tramways of the city were constructed by the Corporation under an Act of 1880, the running powers for horse and steam cars then being leased to two private companies. The first electric tram route was opened in July, 1898, and in February, 1902, practically the whole of the leased system reverted to the corporation, conversion to electricity then beginning. By 1903 the corporation undertaking was going strong and operating 160 vehicles (compared with 380 today), covering 39 route miles (compared with over 120), and had 826 employees (1,794). The revenue was £173,534 compared with close on £2m, today.

Just over a half-century ago a sub-committee from Bradford went on a Continental expedition of investigation. It returned with a firm belief in the possibilities of the trolleybus. In due course they were instrumental in setting up a route with a couple of vehicles which, starting on June 24, 1911, worked a feeder service between Laisterdyke and Dudley Hill. In the course of the next three years the route mileage was extended to 4½, more being added in 1914-15.

The intervening years have seen the Bradford fleet gradually change until now it is equally divided between motorbuses and trolleybuses with over 180 of each. Con-



version from trams has gone on since 1928, the Odsal route—converted to motorbuses in 1950—being the last such change. Rather curiously, as the golden jubilee celebrations are held, the city finds itself without a transport manager. Less than a couple of months back Mr. C. T. Humpidge, perhaps Britain's greatest advocate of the trolleybus, moved to the purely motorbus territory of Sheffield. Not until the beginning of next month will his successor, Mr. J. C. Wake, arrive from St. Helens where relatively recently trolleybuses gave place to buses pure and simple.

## Many Tram Services

In their heyday 240 trams served Bradford, the first trolleybuses carrying Nos. 241 and 242. Motorbus services were initiated in 1926 and 12 routes have been converted from trams. Services are run jointly with other undertakings to Brighouse, Huddersfield, Dewsbury and Leeds.

But why has Bradford remained so loyal to trolleybuses, a form of transport that has been forsaken by many other areas?

Mr. Humpidge's answer is that the heavily laden, relatively short, hilly routes that comprise the system are ideal

## RD'S

Yorkshire Town's Loyalty to Trolleybuses is Mainly Due to Short, Heavilyladen Hilly Routes: Biggest Surplus from Trolleys in Fleet Split Equally Between Electric and Motor Traction

733

## YRUSBS



(Above) The most recent motorbuses in the Bradford fleet are 15 A.E.C. Regert Mk Vs, with M.C.W - Weymann forwardentrance bodies. These seat 70 passengers and have power-operated doors. (Left) These two B.U.T. trolleybuses are seen in Forster Square, Bradford. Administration of the Bradford fleet is controlled from an office in this square. (Below) A trolleybus operating on route 25 is seen passing a Leyland motorbus. The Bradford fleet contains equal numbers of trolley and motor buses, with over 180 of each.





(Above) Inconsiderate parking on the part of a larry driver makes it necessary for these passengers to walk into the road to board this forward-entrance trolleybus. Power operated jack-knife doors are fitted.

for this vehicle. In the 1959-60 year, the last period for which complete figures are available, the gross surplus of the undertaking was £182,663, of which £96,627 arose from trolleybus operation and £86,036 from motorbuses.

For the first time for eight years the number of passengers had not decreased and normally a useful net surplus would have been shown. But acceleration of debt redemption resulted in there being a deficiency of £73,849 to be made good by the rate fund. On the credit side is the fact that, by the continuance of the policy mentioned, the then outstanding loan of £250,000 on buildings, vehicles and overhead equipment might well be liquidated in the fairly near future. To achieve this Bradford Corporation transport committee have been rationing themselves in the acquisition of new vehicles. Incidentally, a useful saving of well over £21,000 resulted from the cut in excise duty on buses.

## **Initial Progress**

To go back to the beginning, prior to the 1914-18 war. the progress of the city's first trolleybuses encouraged those responsible for them to procure more vehicles and to run them on a lightly loaded service between Canal Road and the city centre. Then came the upheaval of the Great War and, although there had been a radial trolleybus extension of a tram route, it was not until about 1928 that the decision was taken to convert a further route to trolleys. and ultimately to change over all the tram services in the city. The Wibsey service trams went out during the time of the second war, motorbuses taking over, later to be replaced by trolleys

Originally the fleet was mainly of A.E.C. and English Electric manufacture, but the Karrier element grew during the 1939-45 period and the trolleybus section now includes A.E.C., Sunbeam, Karrier and B.U.T. units whilst the motorbuses are mainly A.E.C. with a few Leylands. As mentioned earlier, the transport elders of Bradford are rather committed to a canny policy in relation to vehicle purchase. An example of their careful approach was the acquisition in the 1958-59 year of 25 ex-London A.E.C. RT-type vehicles, which were employed as replacements for 27 wartime Daimlers. The following year, however, they went in for 15 A.E.C. Regent buses with M.C.W. Weymann front-entrance bodies having seating for 70

Bradford has accepted the exhaust brake for buses, it



Most of the motorbuses in the Bradford fleet are of A.E.C. manufacture, some being ex-L.T.E. This picture, taken behind the Town Hall, shows three A.E.C.s and a Leyland.

having been found to give an improvement in lining life and better control on the hilly routes in icy conditions.

In the trolleybus department especially, capital expenditure has been kept low by the acquisition of vehicles from other authorities at economical figures. Early in 1960 the last of the pre-war-bodied English Electrics were withdrawn and at the end of the operating year only 26, or 13.9 per cent, of the trolleybuses were of wartime construction. The policy is to economize by consistently rebodying the trolleybuses. Recently Bradford has used mainly East Lancashire Coachbuilders bodywork in the process of rehabilitating chassis that are estimated to have a useful potential life. Such replacement has usually taken place after 11-12 years use, and when complete a further dozen years of operational employment is expected from the vehicle. newest type of 71-seater body, with front-entrance and power-operated folding doors under the control of the driver, has been well received by the travelling public. In some cases former 58-seaters have been rebodied to accommodate 66 passengers.

Division of the passenger total between the two types of vehicle reveals that they bear much the same load, the latest available figures showing the trolleybuses covering 5,623,426 miles in the year and carrying 664 m. passengers whilst the motorbuses' mileage was 5,674,368 and the passengers carried were 614 m. The former covered 41 route miles and the latter 80.

## **Peak Periods**

Bradford's most intensive peak covers a 1½-hour period morning and afternoon, the highest pressure arising between 8 and 9 a.m. Since more children are travelling by bus to school than ever before, this section of the traffic gives rise to added difficulty, and approaches have been made to the education authorities in the hope that school opening times might be adjusted with advantage to the children themselves and the travelling public generally. Whilst constant checks are made in order to keep the mileage operated at a minimum, especially in off-peak periods, the savings made have often been nullified by the need for operating extensions in order to meet the requirements of people living on new housing estates.

At the time Mr. Humpidge took over the managership, some 10 years ago, there were no cross-city services, but

during the period three have been introduced, the two operated by motorbuses starting on June 7, 1953, and one by trolleybuses on November 3, 1957. Previously passengers crossing the city had to walk between Bradford's two main focal points at Town Hall Square and Forster Square.

## **Depots Well Dispersed**

Since the buildings owned by the department are largely a heritage from tramway days, the depots are well dispersed. Out of seven garages, only one is of new construction, being specially intended for motorbuses. The remaining six are former tram depots located more or less on the perimeter of the city. To serve the Duckworth Lane, Clayton and Allerton areas, a site has been acquired for a new trolleybus depot, the building of which it is hoped to start in the not too distant future. When available this depot will obviate the necessity for many of the vehicles travelling into Thornbury.

The administration of the department is controlled from central offices in Forster Square. Overhauls are carried out at the main engineering works which is liberally supplied with modern machine tools.

Records show that for the past few years Bradford has consistently operated its trolleybuses somewhat more cheaply than its motorbuses, whilst the same applies on the maintenance side, the fact that the two types are equal partners undoubtedly making for a better economic position than exists in cases where trolleybuses fill a minor rôle.

Like most other road transport undertakings, the Yorkshire city has found itself meeting intense competition for labour, and at the end of the 1959-60 year the road staff had fallen to 1,082 as compared with 1,222 on the same date 12 months earlier. At one period, in March, 1960, the road staff dropped to 1,042, the situation throwing a heavy burden on the officials responsible for the maintenance and staffing of the services. To aid in the instruction of drivers a private training ground, equipped with overhead wiring, was constructed in the Bowling Hill depot yard a little over two years ago, so that learners could acquire a degree of competence in stopping, starting, turning and reversing trolleybuses, as well as motorbuses, before actually driving on the open road. This has proved a most valuable adjunct to the staff department.

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## NEW MODEL FOR 18 TON G.T.W.

Important addition to the Morris range of commercial vehicles, the new Prime Mover has a wheelbase of 8 ft. (2.44 m.) and is fitted with an FF type cab for fifth wheel coupling only. Powered by a new design 5.7 litre 6-cylinder diesel engine, the new prime mover is fitted with 5-speed gear box, Eaton 2-speed axle and servo-assisted brakes as standard.

Morris Prime Movers haul gross laden weights of 12-15 tons with ease and economy. Special rear springing equipment minimises variation in height when coupled. Vacuum reaction valves are fitted for safety braking. You get choice of 105 b.h.p. 5.1 litre diesel engine or 4 litre petrol engine. Choice of forward or normal control in allsteel cabs, planned with maximum visibility all-round, 4-way seat adjustment, provision for heater, radio. Suitable for practically every make of semi-trailer equipment, Morris Prime Movers give years of saving service. Make it Morris for your prime moving!

12 MONTHS' WARRANTY backed by B.M.C.-Europe's most comprehensive service



The full series includes: -J.4 van and pick-up, 1 and 14 ton vans, J.2 van, pick-up and Minibus, 14, 2, 3, 4, 5 and 7 ton trucks, 5 and 7 ton tippers. Also prime movers. Forward or normal control. petrol or diesel engines.

## **INDIA INTRODUCE TWO NEW GIANTS**



## PROOF? JUST TWO TYRES

## INDIA SUPER G.25— ON THE ROAD

From Motorway to secondary road, this tyre's star qualities are:

\* more rubber on the tread, for longer life

\* thick kerbing ribs to protect sidewalls from kerb damage and to ensure greater retreadability. \* broad central rib, for smoother

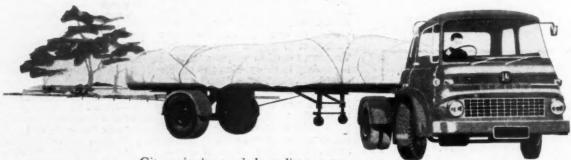
riding, easier steering

\* deep buttress channels cut
overheating

## See how it's done!

1. SUPREME CASING STRENGTH! India Tyre Engineers, working in conjunction with transport operators and using the most advanced techniques, have produced two entirely new casing designs. These make greatly improved use of the high cordstrength of modern materials—both nylon





City, suburban and short-distance transport

## THAT GRIP BETTER, LAST LONGER!

## DO ALL THESE JOBS!

and rayon tyres being available. Between them, these two new India giants are tough enough for most working conditions.

2. SCIENTIFIC TREAD DESIGN. Onto these stronger tyre casings India has built just two new tread patterns-so skilfully designed that together India's two new giants give top performance on all kinds of surface.

## INDIA SUPER G.26-ON ROAD AND TRACK

For all on off-the-road work, this

\* more rubber on the tread, for

longer wear \* powerful traction bars, for extra-powerful grip

\* well-tapered tread grooves cut out stone trapping





Carriage of sand and ballast on loose surfaces



Construction-site work



Load-shifting on sticky surfaces

## INDIA TYRES

TESTED TOUGH-FOR RELIABILITY

## Stronger than the sturdy Oak



## TWIN STEER ATTACHMENTS

On ordering his third 'Primrose' Twin Steer assembly, Bristol operator Mr. D. K. Phipps says:

"I have obtained trouble-free service from the two previous 'Primrose' conversions. They have shown an increased carrying capacity and, though engaged on quarry and road work, the tyre life has been excellent—50,000 miles, to date, on the original tyres. I would like to thank you for the prompt manner in which these excellent assemblies were fitted."



Mr. Phipps' Dodge 3146 AY Tipping Vehicle

PRIMROSE GROUP SALES · CLITHEROE ROAD · WHALLEY · LANCASHIRE · Tel. 3315 7

## Expansion Trends in Haulage

## Two Large B Applications

ONE of the largest applications of interest in this week's statutory publications is the 16-vehicle bid by A. Price and Sons, Ltd., of Ormskirk, to operate under a new B licence. Their "normal user" wording lists various items for use connection with the agricultural industry within 200 miles of their depot, principally goods into Lincolnshire. Yorkshire and East Coast districts. when vehicles are going through empty to collect potatoes." As the 200 miles radius takes in-taken as the crow flies, of course-the London area, and also allows them to operate to Scotland's two principal cities, this application is bound to be looked at rather carefully by the B.T.C.

In the Western Area, Elkestone Quarries, Ltd., of Swindon, are, for the second time, applying for a B licence to allow them to operate 20 tippers under hiring allowance, to carry building, walling and quarried stone, etc., within 100 miles. They made an identical application last March, which came up for public inquiry in Bristol in May, when nearly 20 hauliers registered objections

against them. That application was refused.

In the North West, B.R.S. are making their position stronger at Warrington by switching certain A vehicles from St. Helens and Runcorn. They are also transferring two vehicles from the Metropolitan Area to be stationed in Southend and Chelmsford, respectively, in the Eastern Area.

Two new B applications in the South Wales Area-by B. T. Jones and Sons of Carmarthen, and Morfa Transport of Llanelly-should serve as a warning to all hauliers whose licences are reaching expiry date. Both applications are noted previous licence expired on April 30." In other words, instead of being automatically granted new licences in continuation, they have had to reapply: wait for the application to be published (and so invite objections), and face up to the Licensing Authority or his Deputy, giving the reason for the omission. In the meantime, they will, presumably, have had to go to the trouble of obtaining shortterm licences to keep their vehicles on the

CONTRACTIONS: add, additional; agric., agricultural; are., articulated unit; c, cwt.; g.g., general goods; G.B., Great Britain; ind., indivisible; lic., licence; low-loder, low-loader; mass, materials; N.U., normal user; S.T., special type; t, tens; T., tipper; crl., trailer; var., variation; wh., wheels.

and cleaning plants, and seggar clay within miles. Goods for George Wimpey and Co., I. as required Decisions

N 18/4/3.-Cawthorn and Sinclair, Ltd., Birtley, A var. 3 veb. (21%) granted. N 18/4/5.—A. W. Ellis and Co. (Transport), Ltd., Newcastle, 1 veb. (3%) granted. N 25/4/3.—J. R. Henderson, Newcastle. A var.

add I veh. (516t) refused. N 7/2/5.—H. Thompson, Haverton Hill, B var.,

## NORTH WESTERN

NW 9/6-L—Gilbraibh Tankers, Ltd., Accrimaton, new A lic. 8 veh. (76/4) (includes 3 veh. (30/4) to be acquired). Tar and like products functioning the old of the control of

required. Ht Brancott from an A lie.), NW 9/6/2.—Bassetts Roadways, Ltd.. Stoke on-Trent, A var. 1 veh. (3/40 G.g. within 100 miles and to and from London Area. NW 9/6/3.—H. Nuttall and Sons, Ltd., Hey-wood, A var. add 3 veh. (22/41 delete 3 veh.

wood, A var. add 3 veh. (22%) delete 3 veh. (15%).

NW 9.6.4.—B.R.S. (Pickfords), Ltd., Liverpast, A var. add 3 veh. (261) (bulk powder hoppers).

NW 9.6.5.—W. Reeves and Son (Transport), Ltd., Manchester A var. add 1 veh. (6%) (flat).

NW 9.6.6.—Bullock and Jackson, Ltd., Stockport, A var. add, 1 veh. (6%) (art.) and 1 trl. 31).

NW 9.6.7.—B.R.S., Ltd., Warrington, A var. add 8 art. (300 and 1 trl. (25-d). Delete 1 art. (31/4). (If granted 7 veh. (24-d) will be deleted from A lic. at Warrington, St. Helens and Rumeurn bases).

NW 9.6.8.—F. L. Shuker, Widnes, A var. add 2 veh. (71). Delete 1 veh. (64-d) (includes contained 1 left).

lgr), NW 9/6/9.—J. W. Walker, Blackburn,
I veh (14/0). Carpets for Witton ackburn, mainly to Pirkenhead. Chur

lic. I veh. (134). Carpets for Witton Carpets, Blackburn, mainly to Pirkenhead. Churles and Liverpool, and within 50 miles of base. NW 9/6/10.—T. Curran and Sons, Ltd., Chorlton-cum-Hardy, new B lie, 8 veh. (333-t). Excavated mats, within 50 miles. NW 9/6/11.—G. Reyner (Transport), Ltd., Manchester, new B lie, 1 veh. (41). The collection and delivery of goods which have been conveyed or are to be conveyed on vehicles operating on the transport services of applicant and Arthur Wyart, Ltd., NW 9/6/12.—A. Price and Sons, Ltd., Ormskiyk new B lie, 16 veh. (530). Agric fertilizers and insecticides, oils, produce, fruit, machinery 209 miles from depots at Burscough; principally good-into Lincolnshire, Yorkshire and East Coast districts when vehicles going through empty to collect postators.

NW 9.6 13.—Harts Carriers, Ltd., Stockport, new R lie 1 veh (3) a). To be used only when vehicle authorized on A or contract-A licences have been withdrawn for overhaul or repair and the goods to be carried and the districts to be served to be limited to those authorized for the vehicle withdrawn.

so withdrawn.

NW 9/6 14.—A, and T. Keogh, Lid., Wilmslaw, new B lic. I art. (254) and I trl. (254) flow-ldr.).

Building, road-makine plant and machinery for F. Gibson and Son, Greenfield Nurseries, Corn. (16. Kearns Co., Ltd., and Beck and Politizer, Ltd., also Jacksons, Ltd., all within 50 miles.

NW 9/6 15.—W. Allen (Bolton), Ltd., B. art. add 6 vth. (181). Now on contract A Is.

Decisions

NW 10/3/1 - J. Haghes, Liverpool. new A lie.

3 veh. (10%) granted.

NW 2017 1.—H. Parkinson, Blackpool, new A lie.

2 veh. (84%) and one trl. (25%), granted.

NW 251112.—Power Transport, Ltd., Warrington, new A lie., 3 veh. (125%) and 1 trl. (21%)

anted.

NW 55/8. Bleachers Association, Ltd., Man-ester, new B lic. 15 vch. (47t) and 4 trl. (6½t).

NW 24/3 65. Elffley Foundry Co., Ltd., new B 7 vch. (25½t) and 1 trl. (4½t) granted.

## SOUTH WALES

Applications

St. 14/6.f.—British Road Services (Parcels), Ltd., Cardiff, A var. add 1 art. tractor (4t) and delete one art. tractor (2t), t. Sw. 14/6.2—Ross Garages, Ltd., Cardiff, add 2 art. tractors (8t-0 and 2 art. trl. (6t-0). Steel and steel products, England and Wales. If granted contract-A lie, will be surrendered.

## SCOTTISH (NORTH)

Applications

SN 10/6/1.—J. and J. Andrews, Ladybank, new A lic, 1 veh. (3t). Agric. goods for J. and A. Waugh, Edinburgh, within 60 miles. Now on

SN 10/6/2.—D. Callander (Forfar), Ltd., A var.

SN 10/6/2.—D. Cantaneer (Fortari, Eds., A var. add 1 art. (4\frac{1}{2}). 1 trl. (low-idr.) (6\frac{1}{2}) and 1 trl. (tipner) (5\frac{1}{2}).

SN 10/6/3.—Turriff Transport Co., Ltd., Turriff. A var. add 1 vch. (40).

SN 10/6/4.—Thomas Gibb (Fraserburgh), Ltd., A var. 1 vch. (31). To replace any vchicle on A or B lic. that is withdrawn for overhaul or repair.

## SCOTTISH (SOUTH)

Applications

SS 10/6/1.—British Road Services, Ltd., Alva. w A fic. 12 veh. (54%), 2 trls. (5t). 1 art. 141. G.g. mainly Scotland and Northern England. SS 10/6/2.—Highland Houlage, Ltd., Edihurgh. var. 2 arts. (7%) and 2 trls. (5½) in place of 3

SS 10/6/3.—John C. Stark and Son, Ltd., Baiflies-

SS 10/6/3.—John C. Stark and Son, Lid., Baitheston, A var. add 1 veh. (4/42).

SS 10/6/4.—Jenkins Express Removals, Ltd., Giff-nock, A var, add 2 veh. (81).

SS 10/6/5.—Border Lime Agency (Transport).
Ltd., Haddination, new B lic. 2 veh. (94). Agricproduce and farm requisites on behalf of Border

produce and farm requisites on behalf of Border Lime Agency, Ltd.

SS 10/6/6,—Trevor E. Bridges, Torrance, new B lic. 1 veh. G<sub>4</sub>(t). Goods in connection with employment as Sales Manager of Evanor Developments. Ltd., within Scotland and Northern England.

SS 10/6/7.—William Chisholm, Eyemouth, new B lic. 2 veh. (7%t) (includes 1 veh (4/4t)) in place of 1 veh. (3/4t). Fish and fishing gear in the Southern Division of the Scottish Traffic Area and Northern England Traffic Area; household removals within 25 miles and other goods (excluding livestock) within 50 miles. Previous B lic. expired 31/11/61.

SS 10/6/8.—Security Services (Scotland). Ltd.. Edinburgh, new B lic, 6 veh. (8141). Cash and valuables within 50 miles.

valuables within 50 miles.

\$\$ 10.619, —Security Services (Scotland), Ltd.,
Glasgow, new B lic. 10 veh. (131-1). Cash and
valuables within 50 miles.

\$\$ 10/6/10.—John Henderson, Carluke, new B
lic. 1 veh. (21/1), G.g. within 40 miles,
\$\$ 10/6/11.—William B, Frame, Hamilton, new
B lic. 1 veh. (13/1), G.g. within Scotland

SS 10/6/12.—Thomas Henderson and Sons, Coatbridge, new B lic. I veh. (4t). Building and road mats. within 50 miles.

mats, within 50 miles.

SS 10/6/13.—A. and P. McConnachie, Ltd.,
Campbeltown, B var. 3 veh. (8%4) (includes I veh.
(3D in place of I veh. (2%41)).

SS 10/6/14.—Thomas Bucknama and Son, Ltd., Ac
Bridge, B var. add I veh. (5%4) (includes I cattle
container (21)). Goods within Southern Scotland
and Northern England Traffic Areas.

SS 10/6/15.—George Stewart, Gartcosh, B var.
add I veh. (41).

Decision SS 4 2/3.—George Brown and Son, Galston, new A lic. 2 veh (7t) granted.

## NORTHERN

Applications

N 6/6 1.—J. W. Blackstock. Penrith (Base at Stainton), new A lic, 1 veh. (3½) with cattle container (1½0. Livestock, agric, produce and requisites, time feeding stuff, building mats, and otherwise as required. Southern Scotland, North England and Midlands as required. (Veh. on B lic will be deleted if this application gramed). N 6/6 2.— T. Brady and Sons, Barrow, A var. add 6 tractors (244), 4 tf. (122) (stake and rack) and 2 tfl. (50. Road and building mats, beer, ion and steel, machinery, rubbish, coal, coke, timber, lime, paner, graphic, cellophane, wood pulp, chemicals, radio-serive mats, agric, produce and requisites. South Scotland, South Wales, North England, Midlards, London and South-Males, North England, Midlards, London and L

var. add I veh. to be transferred from

Area,

N 6.6.4.—Sunter Bros., Lid., Northallerton

Short-term A lie. 2 art. (Units 9t and 1tl. 7t).

Machinery, plant, steel, abnormal and indivisible
loads throughout the Northern Iraflic Area and
to and from all parts of G.B.

N 6.6.5.—Thompsons (Blythe), Ltd., B var. 2

veh. (7t) Road and building mais, engineering
requisites, furniture and household effects, farm
produce, eval and coke within 40 miles. Also
2 veh. (1t. 13c), G.g. within 15 miles: coal and
coke within 40 miles.

2 veh. (i) 13c). G.g. within 15 miles: coal and coke within 40 miles.

N 6 6 6.—3. W. S. Gill, Spennymoor, B var, 1 veh. (53-t). Funiture and household effects as required. Transport of bullion within 20 miles of Durham City. Also 1 veh. (13). Furniture and household effects as required.

N 6 6 7.—Hunter Bros. (Lantobie). Ltd., B var. 5 veh. (19) to replace 2 veh. (60. Open-cast coal to screens and coal to and from stocking grounds

SW 14 6/3.—B. T. Jones and Sons, Carmarthen, new B lie., 1 veb, (3%2). Furniture and household effects within 60 miles and all goods within 35 miles. Also 1 trl. (40) all goods within 35 miles, and 1 veb. (30) all goods within 30 miles, and 1 veb. (30) all goods within South Wales Area. (Previous lie. expired April 30, 1961.)

SW 1516/4—Morfa Transport Co., Ltd., Llanelly, new B lie, I veh, (7½0), livestock, furniture, builders mats, and camp equipment within South Wales area and all other goods within 20 miles, .Also I veh. (4½0); goods within 15 miles and I veh. (3½0); all goods within 20 miles of Gorseinon. (Previous lie, expired April 30, 1961.)

### Decisions

SW 8/2/2.—Gwynne Bowen (Transport), Ltd., A ir, 2 vch. (15½) granted.

SW 22/3/4.—Philip Jones and Sons, I.td., A var. 2 veh. (16t) granted.

## WESTERN

### Applications

W 13.6/1.—Holmes Transport (Cheltenham), Ltd., A var. 2 veh. ( $^{10}$ <sub>2</sub>te) in lieu of 1 veh. (7t 3c). Mainly steel timplate, machinery, plastics containers, naper, eardboard and concrete products normally within a radius of 150 miles.

W 13/6/2.—W. T. Taylor and Son, Closworth, A ar. add 1 veh, (30). To be used solely in replacement of any authorized vehicle of the holder of the c. which is off the road under repair or under

W 13/6/3.-G. G. Gilder. Winchcombe. 3/6/3.—G. G. Gilder, Winchcombe, A var., veh. (4½1) including container (1½1). Liveand agric, produce and requisites within

W 13/6 4.—P. J. Hudson, Bristol, new B lic. 1 T. (Bt 11c). Quarry mats, and concrete products for Bradgates Quarries, Ltd., within 150 miles.

W 13.6.5.—R. L. Smith, Cheltenham, new R lic, veh. (2t. 19c). Coal, coke, straw and hay any stance. (Veh. now on C. lic.) I veh. (21 distance,

W 13.6.6.—Elistone Quarries, Ltd., Swindon, new B lic. 20 T. (1201) (Hitting Allowances). Building, walling and quarried stone and earthmoving within 100 miles.

W 13.6.7,—B. F. J. Blaning. Westbury-sub-Mendip, new B lie. 1 T (5½). Stone, tarmacadam within 100 miles. (Veh. at present on contract-A lie. with Westbury Quarries, Ltd.)

W 13/6/8.—A. J. W. Alder, Stroud, B var. add 4 T. (24t 2c). Solid fuel within 200 miles. (Veh. at present specified in contract-A lic.)

### Decisions.

W 2 5 2.—W. T. Bolitho, Redruth, new B lic. 1 veh. (31/41) granted. W 28/3/7.-R. Read. Longhope. B var., add 2

## cation withdrawn

Appli

EASTERN

## Applications

E 12/6/1.—D. A. Tibbett, Doddington, new A lic. 1 veh. (4/4). Mainly agric, produce and requisites collected within 10 miles for delivery it London and Midland markets and the South Coast and also locally. If granted B lic, will be surrendered.

E 12/6/2.—British Road Services, Ltd., Southend, var. add 1 van (31-t). (If granted 1 veh. (5t) will e deleted from A lic. held in the Metropolitan

E 12/6/3.—B.R.S. (Parcels), Ltd., Cheimsford A var. add 1 veh, (3/50). (If granted 1 veh; (3t will be deleted from A lie, held in Metropolitar Traffic Area.)

E 12/6/4.—E. W. Sharman, Norwich, new B lic I veh. (1t). Printed matter, household g.tods builders mats., fruit and vegetables.

E 12/6/5.—D. Ball, Peterborough, new B lic veh. (41). Sand, gravel, building and road-making tasts, within 25 miles.

E 12/6/6.—J. W. Page, Werrington, new B lic 1 art. (4½t) 1 trl. (4t). Potatoes, 185 miles radius. E 12,657, -G. W. Peacock, Biggleswade, B var-add 3 veh, U2tt. Sugar beet collected within five miles to railhead and factory; grain within 60 miles; horticultural and agric, goods collected within 10 miles to London markets and agric, requisites on return.

E 12/6/8.—B. H. King, Kempston, B var, a 2 veh, (6/50). Market garden and nursery prode and agric, requisites collected within 12 miles delivery to London; empty containers on retu-ourneys; bricks collected within 12 miles delivery within 30 miles.

E 20/2/2.-E. H. Lobb, new A lic. 1 vch. (51/t)

E 6/3/2.-S. Brown, A var. add 1 vch. (454t)

E 20/3/3.—Knowles Transport, Ltd., A var. add veh. (31-t) granted.

E 17/4 1.—A. J. Hajward and Son, Ltd., A var dd 2 yeb, (7½) and 2 trl. (5t) granted. Add yeb, (2½) and 1 trl. (2t) granted.

E 3.4/4.—G. W. Wautt and Son, A var add 1 veh. (40) granted.

E 17/4/2.—W. H. Sexton, Junn. Ltd., A var (21) and 1 trl. (23/0) granted.

E 3 4/5.—Ma'don Transport and Grain Co., Ltd., var., add 1 veh. (2541) granted.

E 17/4/3.—Harold Wood and Sons, Ltd., new B lie, I veh. (9/4t) granted.

## Letters to the Editor

## Injustice

70U report in your issue of June 9 the decision of the YOU report in your issue of June 7 the Calvisa imposing Road Traffic Bill, and in particular to the clause imposing obligatory disqualification upon a driver who receives three endorsements of his licence in three years for any of a long list of offences

Whilst the T.R.T.A. does not condone traffic offences, it does believe that the punishment should fit the crime. For this reason, it must oppose a proposed law which would still deprive a lorry driver of his living, irrespective of the gravity of his offences.

It is true that the court may decide that there are " special reasons " why endorsement should not follow conviction. But it seems questionable in the light of past legal decisions how much discretion this would give the courts in practice. Would it, for example, cover the case where a driver was convicted of exceeding the speed limit when travelling at 35 m.p.h.?

The Government's intention, according to spokesmen during the House of Lords debate, is that courts should be able to use their discretion when an offence has been trivial or inadvertent. But road transport operators would feel happier if this was written into the law in more specific terms.

If it is the intention to permit courts to exercise discretion, surely the simple and straightforward way of doing so is to provide that disqualification should be at the discretion of the court. As worded at present, the clause must, at best, cause confusion and uncertainty. At worst, it will lead to injustice.

London, W.1.

H. R. FEATHERSTONE,

Secretary.

Traders Road Transport Association.

## A Grave Error By the L. A.?

T has not taken very long for the prophecy, made by mentioned, after denationalization in 1953, that there would soon be an excess of vehicles.

Unfortunately a considerable amount of new A licences have been issued to operators in the Western traffic area, which aggravates the present situation (one operator of a fleet of 22 vehicles admitted that 11 of them had been granted by the L.A. and not purchased as special As). Most of the licences were granted for the carriage of steel from the South Wales area, without any representation from the steel companies at the hearing. Now we have to queue up at some of the steel works for from 10 to 24 hours, behind hordes of vehicles from the Western area.

There is likelihood that the Western L.A. made a grave error in granting this extra tonnage, which will possibly prove disastrous in the long run, both to the recipients and to South Wales hauliers. In the first place "Welsh" hauliers," as we are called by the Western L.A., did not know of the application made by the Forest of Dean hauliers, and this alone, I think, was rather underhanded. because we would have objected at the time. However, since we have taken the trouble to obtain the A and Ds from that area, out of a total of 13 vehicles applied for only one has been granted and this we have taken to the Tribunal.

The only solution to this problem, in my opinion, for applicants who wish to carry goods from another area. is for the matter to be dealt with by the L.A. in the area from which the goods originate.

I admit that the rates paid by the steel companies are quite fair, but after allowing for waiting time at the works we are at least 5s, per ton worse off than we were 12 months ago. I shudder to think what would happen if the steel companies did not pay on a fixed rate. No doubt things would be far worse than in pre-war days.

Abergavenny, Mon.

J. M. WATKINS.



W. J. Griffiths, driving a Morris artic for the De Havilland Aircraft Co., Ltd., won Class H by 10 points.

## Liverpool Beats Manchester's Best

BY a handsome win from the rest of the Class B drivers, W. A. McDonnell (Louis C. Edwards and Sons (Manchester), Ltd.), in a Ford, last Sunday became Manchester's Lorry Driver of the Year. Pease Transport, Ltd., from Liverpool took the team trophy.

In the final reckoning at Manchester the overall winner is the driver whose performance exceeds his class standard by the highest margin, this standard being the average of the top 25 markings in the class. A total of 140 vehicles participated in the contest.

Manchester had the advantage of ideal weather conditions, so that the routine moved smoothly throughout the day. This is one of those centres that is certain of a capacity entry despite the fact that not more than three vehicles are accepted from any one operator. In addition to local competitors, there were the Liverpool cup-holders from last year who, it had been decreed, should be given the opportunity to defend their holdings since, again this year, rather surprisingly, the anticipated Merseyside round has not materialized.

An 18-mile road circuit in an industrial area on a Sunday morning does not on the face of things sound a very exacting test of driving behaviour, but as the years roll on the organizers of these contests have become more alive to the value of introducing some of the less obvious hazards, calculated to catch the unwary. so that it takes a good man to escape with even modest penalty marks. Despite the lessons of the past, few rounds are entirely free from individuals who exhibit a know-it-all attitude as soon as they get on the open road, and Manchester was no exception.

The Highway Code was a searching test in which only five competitors were free from penalty. They were R. Adams (Fred Dawes (Service), Ltd.), Austin, from Class A; J. Grice (Norman Evans and Rais, Ltd.), Austin, and V. Nottingham (Petrofina (Great Britain), Ltd.), Bedford, from Class D; R. E. Kyte (Wilsons Brewery, Ltd.), E.R.F., from Class E1; and N. Shield (Pye Transport), Atkinson, from Class G.

Only two drivers emerged faultless from the road circuit, one of them being Kyte, who thus started the driving tests with a clean sheet. D. Bailey (McVitie and Price, Ltd.), Austin, also was "clean" on the road but had dropped 10 points on his Code examination. Runner-up at the commencement of the driving tests was Shield, who up to that time had lost only three points. Heaviest penalties on the circuit arose at a wide roundabout which bisects a dual carriageway and has an obscured approach from one of the minor roads.

## Heaviest Penalties

The tests were not timed, as they were last year, but there were, of course, debits for failing to maintain continuity of movement or exceeding a permitted number of shunts. The second test, the width-judging, produced the heaviest penalties, although the three were almost equally severe. Quite a number of fresh entrants figured in the lists and on occasions officials found it necessary to caution spectators against giving signals to the participants in the tests.

An outstanding performer in Class El was B. R. Lewin (British Oxygen Co. Ltd.), with a long-wheelbase four-wheel Bedford. McDonnell was consistently good in the tests and in a class of 20 drivers was 42 marks in front of his nearest rival. There were close finishes in some categories, notably in Class D which, with a total of 29, was the best supported.

Observation of some of Sunday's performances suggests that the relationship between the width of vehicle and the width of the "roads" for the tests might profitably be given some examination,

### RESULTS

CLASS A—Up to 15 ft.; R. Adams (Fred Dawes (Service), Ltd.). Austin, 100 penalty points, I; E. Mellor (Fred Dawes (Service), Ltd.). Austin, 150, 2; J. Waliace (N. Kilvert and Sons, Ltd.). Austin, 152, 3.

CLASS B—15-19 ft.; W. A. McDonnell (Louis C. Edwards and Sons (Manchester), Ltd.), Ford, 101, 1; F. Coley (Manchester Corporation Surveyor's Dept.), Karrier Bantam, 143, 2; M. Jackson (Manchester Corporation Surveyor's Dept.), Carning Rantam, 146, 3.

(Manchesfer Corporation Surveyor's Dept.), Commer Bartams 146, 3.

GLASS C—19-422 ft.: B. Colbert (Pero-Cola GLASS C—19-422 ft.: B. Colbert (Pero-Cola ft.), Karrier, 132, 1; R. Whitehead ft.R.S. (Contracts), Ltd.), Austin, 143, 2; J. Ellis (Stretford Corporation), Dennis, 177, 3.

CLASS D—Over 22 and up to 25 ft.: R. Burns (Ministry of Works), B.M.C., 112, 1; S. Isaac (Pease Transport, Ltd.), Albion, 127, 3.

CLASS E3—Over 15 ft. with two askess B. R. Lewin (British Oxygen Co., Ltd.), Bedford, 101, 1; R. E. Kytc (Wilsons Brewery, Ltd.), E.R.F., 159, 2; R. Lea (British Oxygen Co., Ltd.), Albion, 152, 3.

152, 3.
CLASS E2—Over 25 ft. more than (we asked A. J. Monks (Petrofina (Great Britain), Ltd.), A.E.C., 121, 1; A. J. Cook (Pease Transport, Ldd.), Foden, 137, 2; H. Bancks (Couphfield Transport Co., Ltd.), Seddon, 151, 3, CLASS F1—Semi-traillers under 2 ft.—tractors under 3 tons: R. Beaman (B.R.S.), B.M.C., 153, 1; D. Bailey (McVitie and Price, Ldd.), Austin, 166, 2; L. Shaw (McVitte and Price, Ldd.), Austin, 169, 3.

169, 3.

CLASS F2—Semi-trailers 22-27 ft.—tractors under 3 tons: W. Ward (Pease Transport, Ltd.), Bedford, 169, 1; T. Iball (T. Wall and Son, Ltd.), Bedford, 187, 2; J. Brown (F. Roper and Sons, Ltd.), Thames, 241, 3.

CLASS G—Semi-trailers up to 27 ft.—tractors over 3 tons: H. J. Bramwell (Pease Transport, Ltd.), Ed. Avarchester), Ltd.), E. R.F., 181, 2; F. Vanden (Shell Chemical Co., Ltd.), Scammell, 198, 3.

2: F. Vanden Chell Chemical Ch., 1987.
198. 3.
CLASS H.—Semi-trailers over 27 ft.—tractors any weight W. J. Griffiths (De Havilland Aircraft Co., 14d.), Morris, 168, 1; F. Porter (R.A.F.), Bedford, 178. 2: E. R. Parry (R.A.F.), Bedford, 188. 5.
Best overall performance: W. A. McDonnell Clouis C. Edwards and Sons (Manchester), 14d., Ford, 101.
Best C-licence Driver: R. Adams (Fred Dawes (Service), 14d.), Austin, 190.
Best Divers B. R. Lewin (British Oxygen Co., 14d.), Bedford, 104.
Best Team: Pease Transport, 13d., Liverpool, 418.
Best Team: Pease Transport, 13d., Liverpool, 418.

## Planning for Profit

## Form of Contract

In Their Mutual Interests Both Customer and Haulier Should Ensure that all Foreseeable Events are Covered in the Terms of Hiring Agreements

N the last two articles in this series some of the factors which should be considered when assessing the respective merits of either hiring or owning commercial vehicles have been discussed. By placing the responsibility for the correct selection and subsequent economic maintenance of a vehicle with a contract-hire specialist the operator of the vehicle is then able to concentrate on his main function of manufacture or distribution.

According to the particular type of operation, the driver should be in the employ of either the haulier or his customer, with a contract A or C licence as appropriate. Because each contract will be drawn up to meet a particular customer's needs the division in the number and amount of the 10 items of operating costs will vary correspondingly. But before a tender is submitted to a customer it will be advisable for the haulier to ensure that the responsibility for the payment of all 10 items has been mutually agreed.

When ownership and complete responsibility for the acquisition, operation and maintenance of a fleet of vehicles are under

consideration, the time, responsibility and experience required to run an ancillary transport department efficiently should not be underrated. Other factors to be considered are the successful integration of such a department with other sections of the organization, whilst the availability of capital and the return obtainable by its employment elsewhere must also receive consideration. The competitiveness of the local labour market must obviously not be ignored.

A substantial amount of general haulage is arranged between operators and customers as a result of verbal agreement, possibly over the telephone. In the majority of such transactions no difficulty subsequently arises as to the price decided upon, or the terms and conditions of each particular job.

When, however, haulier and customer are entering into an agreement for the supply of one or more vehicles, usually exclusively, over a long period, it is prudent and in their mutual interests to complete a form of contract. Additionally, when the haulier is supplying the driver, and the vehicle is therefore operated under a contract A licence, the existence of a contract for a minimum of one year's work is essential in order to comply with the requirements of the Road Traffic Act, 1960.

DESPITE this legal minimum period of one year, there will be many instances where it would be uneconomic for the haulier to enter into an agreement for the exclusive use of a vehicle, by a customer for less than, say, two or more years. Particularly would this be the case when expensive vehicles with specialized bodies were requested. Only by spreading out the resulting high initial outlay over a long period could the cost of depreciation be reduced to reasonable proportions in such instances, whilst the specialized nature of the vehicle would probably make it unsuitable for other work should the contract terminate prematurely.

When a haulier is considering hiring out a vehicle on contract for the first time he would be well advised to engage the services of a solicitor to draw up the contract, whilst the advice of a trade organization such as the Road Haulage Association would be invaluable. It is therefore not intended to detail a recommended form of contract here, but rather to suggest some of the items which should be included in such an agreement.

In the opening sentences the designation of the two parties concerned should be defined, it being usual for the haulier to be termed "the contractor" and similarly the customer "the hirer." The next item to be set down will probably be the period of hire. It will have to be borne in mind, however, that although the commencement date would also be given, the carrying out of the contract would be dependent upon the granting of the appropriate licences.

Whilst both parties may have every reason to believe that such licences will be granted, it would nevertheless be prudent to include a clause permitting the cancelling of the agreement if they were not. Otherwise the haulier might find himself in the unfortunate position of having contracted to undertake work which in the event would have been illegal.

Apart from the licensing aspect, it would have to be recognized that, as a result of circumstances which could not have reasonably been foreseen by either party, it could be that one or the other would be unable to carry out his part of the bargain. It would therefore be advisable to anticipate such a possibility by including a clause in the agreement setting out the minimum notice required to terminate the contract should such a set of circumstances unfortunately arise.

Conversely, if the contract proves satisfactory to both parties so that a renewal is contemplated it would be beneficial to have a further clause determining the notice required to extend or renew the contract.

THERE would then be specified the vehicle, or vehicles, which the contractor was undertaking to provide for the customer's use. Such specification would, in addition to the total number, indicate the size and type, and any special features such as bulk bodies. It would, however, probably be found more convenient to omit minor details which both parties might subsequently mutually agree to vary. Examples of these would be the type and colour of paintwork and lettering, and possibly minor items of equipment. These could all be included on a separate schedule, so avoiding unnecessary legal expense in having to redraft the main agreement every time some minor alteration to a vehicle was made.

When vehicles are being hired out by a haulier complete with driver under contract-A licence, a clause must be included in the agreement stating that the haulier is in fact responsible for the provision and payment of the driver, and the conditions under which he is to work.

Under such circumstances the haulier, as the holder of the contract-A licence, would be responsible for the action of his drivers. It is therefore imperative, in the haulier's interest, that a statement should be included in the agreement that the hirer of the vehicle must not instruct, encourage or condone the driver's contravention of the law. An obvious example of such a possibility would be for the hirer to detail the driver of a contract-A vehicle to complete a round of deliveries which could not possibly be effected within the maximum legally permitted hours of work as laid down in Section 73 of the Road Traffic Act, 1960.

In addition, it would be advisable to include a clause providing that if, nevertheless, such an instruction was given to a driver, he would have the right to refuse to carry it out, or at least that part of the instruction which would involve contravening the law, and also giving the haulier the option of terminating the contract if he considered this advisable.

When a vehicle was supplied under a C-hiring arrangement, it would be in the haulier's interest to include a clause in which it was recognized that, whilst the driver would then be an employee of the hirer, he should nevertheless be acceptable to the haulier. This is necessary because the haulier has undertaken to supply and maintain a vehicle at a price presumably arrived at on the basis of normal usage. If no such clause was, in fact, included in the contract-hire agreement, and it subsequently transpired that the hirer was employing a low standard of driver, the haulier would inevitably be faced with exceptionally high maintenance costs, which he would probably be unable to recoup from the customer.

(Continued on page 739)



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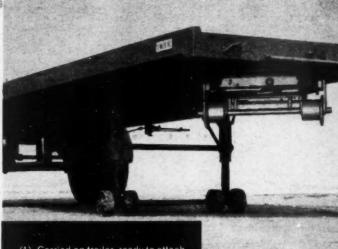


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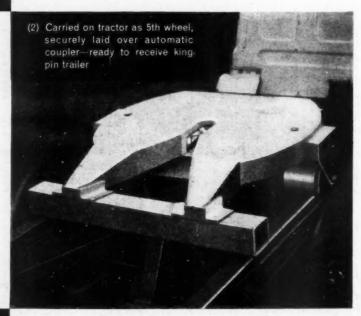
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Should difficulty arise between haulier and hirer as to the suitability of a prospective or existing driver, the adoption of an impartial driving test as carried out by a recognized motoring school would provide a solution to this problem.

In fairness to the hirer a corresponding clause should be included in the agreement giving him the right to ask for the replacement of a driver provided by the haulier when a vehicle was operated under contract A licence, provided, of course, that the grounds of complaint were reasonable.

A major clause in any contract-hire agreement of vital interest to both haulier and hirer would be the amount to be charged, with an indication of the method by which such charge was calculated, and the manner and time at which payment had to be made.

Because the customer, when asking for a tender for the supply of vehicles, is already aware of a comparatively specific set of circumstances under which such vehicles are to be operated, there should be greater opportunities for a detailed estimate of the subsequent cost than could usually be expected when dealing with general haulage. As stated last week, however, the fact that vehicles are being hired out does not invalidate the basic principle of commercial vehicle costing, namely the division of the 10 items of expenditure into standing and running costs. What does vary, however, is the division of responsibility for these 10 items as between haulier and hirer according to individual circumstances.

Because of the incidence of standing costs it would be prudent for the haulier to include in the agreement a guarantee that he receive adequate payment for any period when the vehicle was not operated, although available, through no fault of the baulier.

Similarly, whether the total charge is calculated on the basis of tonnage, mileage, time or any other factor, the agreement should set out the amount to be paid for additional mileage over and above any fixed amount, or alternatively overtime working. Prior agreements between haulier and hirer must also be reached as to whether payment is to be made for the mileage run between the premises of the haulier and those of the customer where vehicles do so run. Although this may be comparatively short, a substantial mileage could be run over the minimum contract period of one year applicable to a contract A vehicle.

It will also be necessary to detail, either in the agreement or on the attached schedule, the maximum capacity of every vehicle provided under the terms of the contract, so giving effect to a following clause prohibiting the overloading of a vehicle by the customer. If, despite this prohibition, a breakdown results from such overloading, this clause should include a statement to the effect that the customer would then be responsible for the cost of any repairs made necessary, and for the provision of a replacement vehicle when appropriate. In addition to providing some insurance to a haulier against excessive repair bills, this clause would also be necessary relative to the legal aspects of overloading if and when this occurs.

Because many of the items of expenditure which go to make up the cost of operating a commercial vehicle are beyond the control of the haulier it will be advisable for him, when negotiating the hire of vehicles, to have a proviso in the agreement to permit the adjustment of charges following any variation in the cost of such items as fuel and wages.

Agreement should also be reached between the contractor and hirer as to whether payment for the hire of the vehicle should be made at weekly, monthly or other intervals. Such provision would then give the contractor good grounds for terminating the contract in the event of non-payment, and for taking proceedings to recover the amount outstanding.

Responsibility for the goods carried would be the hirer's when the vehicle was operated under C licence, since the driver would then be his employee. It would still be advisable, however, even when the haulier was himself supplying the driver and the vehicle was being operated under A contract licence, for a clause to be included in the agreement stating that the customer would be responsible for the goods carried; and further that the haulier would not be liable either for the loss of any goods carried nor for cash which the driver might have to collect for the hirer.

The carriage of dangerous goods should be expressly prohibited in the agreement unless special arrangements are entered into. As with any differences that might arise between contractor and hirer as to the working of excessive hours or overloading of vehicles, some indication should be laid down in the agreement as to the extent to which a driver was expected to carry out the instructions of the hirer.

Another clause to be included in the agreement would indemnify the contractor should he be unable to supply vehicles through such events as strikes, lock-outs, riots, or wars, over which he would obviously have no control. In addition, the usual clause relating to bankruptcy should also be included and a method of arbitration specified when, despite the existence of the contract, there was subsequent disagreement between contractor and hirer.

S.B.

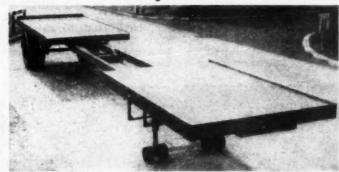
### Extending Semi-trailer by Carrimore

A SEMI-TRAILER with a normal length of 26 ft. which can be extended to 40 ft. for the carriage of long self-supporting loads has been added to their standard range by Carrimore Six-Wheelers, Ltd. Intermediate lengths of 32 ft. 6 in. and 36 ft. are also possible. In all conditions the trailer's capacity is 12 tons.

In effect the semi-trailer is made in two sections, both have a frame, fabricated from rolled steel sections welded together. The main longitudinal members are 7-in. deep x 3½-in. wide channel section. These have their flanges facing inwards, and the dimension over the webs in the rear part is 2 ft. 4½ in. This is the dimension between the flanges of the longitudinals on the front portion so that the longitudinal members of the rear portion can slide between them.

Cross-members between the front longitudinals are welded to the underside. Those between the longitudinals on the rear part are located within the flanges.

Vertical location of the members rela-



tive to each other is by two rollers on each side of the longitudinals of the rear portion. The rollers are at the front end, spaced 3 ft. apart. The forward rollers register with the bottom flanges of the outer members, the second pair of rollers with the top flanges.

Two smaller rollers, one at each side of the end of the front longitudinals, guide the front section as the unit is shortened. When fully closed, channel members above the spring brackets restrict any movement of the outer members. Locating pegs in the rear full-width crossmember of the front section fit into holes in the front member of the rear portion, to prevent relative lateral movement.

Spring - loaded locking - pegs are mounted at the rear ends of the outer members. These fit into holes in the inner members, which are spaced to give the four lengths obtainable.

## Fine Show at Crystal Palace

IF the fine weather which blessed the opening day of the International Construction Equipment Exhibition at Crystal Palace continues until it closes tomorrow, the organizers are assured of a great success. This would be well deserved, for the range and number of exhibits, plus the ideal open-air setting, make it one of the best shows of its type ever held.

First impression is of a forest of cranes and jibs, but this is false, as exhibitors have been given ample space to display their equipment to the best advantage and there was no crowding of visitors, although there appeared to

be a good attendance.

There were a number of exhibits which were not included in the show preview published in last week's issue of *The Commercial Motor*.

### Payloader Shovels

A comprehensive display of Payloader tractor shovels was shown by the International Harvester Co., of Great Britain. These included both two- and four-wheel drive models and covered capacities of from 2,000 to 12,000 lb. The largest model, the H-120, was demonstrated on the proving ground with the same company's Model 65 Payhauler dumpruck, which has a capacity of 19 tons and 12½ cu. yd. Also shown was the Scout ½-ton 4 x 4 pick-up truck, which



International Harvester Co.'s Scout \( \frac{1}{2}\)-ton \( 4 \times 4 \) pick-up truck, a recent introduction.

is a recent introduction and was described in the June 2 issue of *The Commercial Motor*.

### Foreign Equipment

Featured by Mackay Industrial Equipment, Ltd., were a number of Fiat tractor shovels and the large Allis Chalmers B.T.C. 14D unit. Also shown were the Eimco 850, 9 cu. yd. articulated dump-truck and the Morewear Goose tractor-drawn tipping dumper.

A range of tractor shovels in capacities of from 3,000 to 9,000 lb. was shown by J. I. Case Co., Ltd., and in addition to the dump-trucks referred to in the preview, Aveling-Barford, Ltd., exhibited their TS250 9,000-lb. capacity tractor shovel.

The Powertruc Co., Ltd., Burgess Hill, Sussex, showed a version of their Powertruc self-propelled power pack. Basis for this is a Thames 4-ton pick-up with a Ford 4D diesel engine mounted on the chassis to drive equipment and provide power for vehicle propulsion.

A standard Austin Omnivan was shown with a Rotair 150 compressor mounted inside the body by Holman Bros., Ltd., Camborne, Cornwall. Compressor drive is by an independent Ford 4D diesel engine.

In addition to the Coles Valiant truck-mounted crane, Steels Engineering Products, Ltd., exhibited the Coles Ranger and Aeneas units which have capacities at a 10-ft, radius of 25 and 10 tons respectively. Both models use A.E.C. diesel engines for the chassis and Ford diesel engines to power the crane movements.

Wood Pritchett and Partners, Ltd., showed a Demag 406 crane, with a 27-ton capacity at 11-ft. radius, mounted on a Foden six-wheeled

### Earth Borer

Other vehicle-mounted equipment was to be seen on the stand of Michigan (Great Britain), Ltd., who included a self-contained earth-boring unit with Cheshire-Highway equipment mounted on a Thames Trader 9-ft.wheelbase chassis with a 4 x 4 conversion by All Wheel Drive, Ltd.: Consolidated Pneumatic Tool Co., Ltd., exhibited an A.E.C. eight-wheeler carrying drilling equipment, and a Land-Rover with a 125 c.f.m. compressor, driven from a gearbox power take-off; and Otus Plant Co., Ltd., showed a Thames Trader with a County third-axle conversion and a wheelbase extended to 17 ft. 2 in., having an Otus Kassbohrer K.T.8000 tower crane mounted on the chassis.

The Shoreland straddle carrier was shown by Conveyancer Fork Trucks, Ltd. This was the Series 21 which has a capacity of 20,000 lb. and is built to conform to the Construction and Use Regulations.



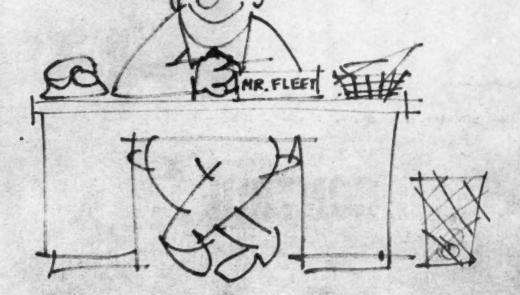
The Northfield F7 dumper is an articulated front-wheel-drive machine with a payload rating of 11 tons. Steering is power assisted, and the turning circle is only 18 ft. 9 in. n40

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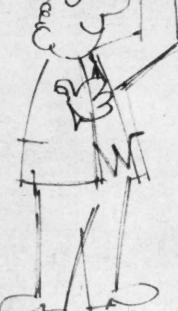
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1950 4-wheel, 9.6 engine, 20-ft. flat, in very good condition, £53.0 to 1956 A.E.C. 8-wheeler chassis and cab, 9.6 engine, pt.-o. ex petrol tanker, in very good condition, £1,400, to 4 Carruthers St., Liverpool, 3. Central 2047. 914-331

A.E.C. 4 x 4, 6 x 6 Matadors. T. E. Cunliffe, 45 Wellington Rd., Handsworth, Birmingham. 20. Northern 9832. TWO 4 x 4 Matadors, one in pieces less cab and engine one running, rough cab, £550 the two. J. R Swanston, Coinbrook 2741, Bucks. 914-42

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Monarch, short wheelbase. Full particulars, price. Box CM053, care of "The Commercial Services of 14-556.

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1956 Chieftain long-wheelbase drop-side £575.
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A.BIBON Chieftain, July, 1954, light-alloy body, flat

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LEYLAND, ALBION, SCAMMELL.

EARLY delivery of new ALBION Reiver.

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A TKINSON 6-ton twin-ram hydraulic tipper, 12-eu-yd.

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1958 ATKINSON 8-wheel 6LW tipper, large bulk body, automatic greaser, ready for work, ATKINSON 8-wheel 6LX tipper, bulk body, latest cab, auto greaser, repainted.

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NEW ATKINSON tractor, 9.6 A.E.C., 6-speed box, double belival atle, plate fitted, dead man's hand and cab, immediate deliveryote-drive, 61W. Chassix 1956. ATKINSON 8-wheel double-drive tuper, 61.W

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NEW tandem 27-ft. trailer 10:00 x 20 tyres. NEW 14-ton 25-ft. trailer, 10:00 x 20 tyres.

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1956 AUSTIN 5-ton normal-control petrol drops retruck, recently repainted, excellent all-round
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1958 BEDFORD (petrol) 5-ton forward-control platform trucks (two), from £450.

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AUSTIN 30-cwt. drop-side truck, immediate NEW AUSTIN 19-cwt. Omnivan, immediate delivery

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NEW LUTON VANS FOR IMMEDIATE DELIVERY.

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D. D. EASTWOOD (COMMERCIALS), 27 Aston Rd. North, Birmingham, 6. Phone, Ast 3467. 1958 152 15-cwt. Omnivan, sliding doors, £265 Carris Motors, Ltd., London, S.E.13. Phone

A USTIN 1960 7-ton long-wheelbase twin-ram tipper. 1975. Below.

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HE above vehicles have been brought into Al condi-tion and appearance, and are guaranteed four months.

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BOTWOODS.

48 THE COMMERCIAL MOTOR—June 23, 1961

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1959 BEDFORD 10-12-cwl. van. A GOOD selection of used CA vans and conversion

BEDFORD 15-cwt. Worksbus (choice of 1959

1957 BEDFORD 5-ton tipper (diesel), 138-in, wheel 1958 BEDFORD 5-ton tipper (petrol).

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TWO BEDFORD R-type chassis and cabs, with Bode JOSEPH ELLIS AND SONS, LTD., 30 Coventry Rd. Hinckley 3791

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1960 spinied primer, E395. Arnold 7771. 914-166
4 A-type BEDFORD 35-cwt. van
4.505. Sun 6071.
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PLEASE phone Clerkenwell 7456. CAPITAL MOTOR CO., LTD., Remington St., City 814-330

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W EEDFORD 7-tan TK 167-in-wheelbase truck.
10 x 20 tyres, immediate delivery, we BEDFORD 3-ton normal-control 143-in-wheelbase csel drop-side truck, immediate delivery, BEDFORD 7-ton forward-control 120-in-wheel-se standard tipper, 2-speed axle, 9.00 x 20 tyres, felterery.

BEDFORD MAIN DEALERS. REDFORDS, 8-ton tractor unit, delivery. EW BEDFORD 4-ton TK drop-side truck, immediate

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1956 BEDFORD articulator with 8-ton Carrimore 22-ft. straight-frame trailer, P6 diesel, occ 1956 BEDFORD 25-cwt, standard boxvan, petrol 1956 BEDFORD 25-cwt, standard boxvan, petrol 1956 BEDFORD 25-cwt standard 1956 BEDFORD 25-cwt standard 1956 BEDFORD 25-cwt standard 1956 BEDFORD 25-cwt standard 25-cwt stand

290 SOUTHBURY ROAD, ENFIELD.

HUNTER VEHICLES. LTD., CROWN WORKS

1960 7-ton BEDFORD tipper, 300 enkine, 2-speed axie, 6575.

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1954 Model BEDFORD 5-ton Luton, diesel. £350. 1955-57 BEDFORD 15-cwt. CA vans, from £155:

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USED BEDFORDS 1960 BEDFORD Marshall at lity Basette CAS, £35.0

The Bear ORD 71-ton forward-control chases-can
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Leichoist, 120-in, wheelbase, 5-speed searbox,

NEW BEDFORDS. NEW BEDFORD 10-cwt. J.O.P. pick-up. NEW BEDFORD 15-cwt, utility Busette, blue and grey. JEW BEDFORD 15-.wt. Calthorpe caravan, blue and BEDFORD 71-ton forward-control 120-n,-wheel-e Anthony hoist tipper, 8 cu, yd., 350 diesel.

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JEW BEDFORD 12-ton tractor unit, diesel.

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EW BEDFORD 4-ton normal-control chassis-cab.
diesel.
EW BEDFORD TK 7-ton short-wheelbase chassis-cab. diesel. JEW BEDFORD TK 71-ton short-wheelbase tipper.

NEW BEDFORD 1,260-cu,-ft, pantechnicons, composate bodies with rear low-loading well, walk-in tailboard half-doors, 4-ft. 6-in. Luton mounted on 5-ion normalic control diesel chassis-cab, price £1,495 each in primer finish.

WE specialize in all types of bodywork, composite or altoy. Favourable delivery; quotations sent on JEW BEDFORDS for immediate delivery.

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A Vans, all types and conversions.

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1958, October, BEDFORD 7-ton long-wheelbase drop-side truck, 2-speed axle, Bedford 300 diesel

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1954 Neb-FORD 7-ton long-wheelbase tipper,
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28 BOW ROAD, London, E.3. Advance 5242-3. (30

1958 BEDFORD 10-12-cwt., in exceptionally good condition throughout, choice of three from (225, Cavendish Motors, Cavendish Rd., N.W.6. Wijlesden 914-239

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NEW vans, all colours.

ARGE selection of quality used trucks at the right NSPECT our stock before making your choice.

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Latsus with Tasker drop-frame trailer.

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BEDFORDS wanted. BEDFORDS wanted.

BEDFORDS wanted!

WE want BEDFORDS! Trucks, tippers, vans, Lutens, etc. G.T.C. (Commercials), Ltd., 2 Addington Rd., Bow Rd., E.3, Advance 5242-3.

BEDFORD 7-ton long-wheelbase diesel tipper, 2-speed as as with Bedford engine, or single ask. 5-speed but with Leyland engine.

HARTWELLS GARAGES, LTD., 313 Banbury Rd., Oxford 47631 Banbury Rd., 914-6108

WANTED, 1960 BEDFORD diesel 7-ton long-wheelbase R 20 tyres, state mileage and price. Toomers (Transport), Ltd., 59 Vastern Rd., Reading. Phone \$4461. 914-1

BEDFORD 7-ton IK drop-side tipper, Telehoist gear, 300 diesel, list price, 1914-79 BEDFORD 5-ton long-wheelbase truck, Bedford diesel engine, 2392. Edgware 2572. 914-246. Nottingham 45024, ext. 221.

June 23, 1961—THE COMMERCIAL MOTOR 49
(Supplement)

Used Goods Vehicles (contd.)

BEDFORD 12-15-cwt, vans and utilities wanted.

DICKS CAR SALES, LTD., Exeter Rd., London, 914-251

J. URQUHART AND SON, LTD., Burts Rd., Alton. Phone 2849, offer the following vehicle:—
1956 B.M.C. 7-ton truck, 2-speed axle, power steer-

WHIPPLES, LTD.,

AFTER HOUR 1699.

1959, January, B.M.C. Morris 7-ton diesel truck, tean and unlettered, price £625, September, B.M.C. Ausris 5-ton diesel truck, cheap to clear (one owner), price £195.

MIDLAND VEHICLE AGENCY offer:

1960 B.M.C. 7-ton long-wheelbase 15-ft, 6-in, steel tonol machine throughout, 6975.

1957 B.M.C. 7-ton 16-ft, 6-in, platform truck, 2-speed

machine £475.

1959 S.M.C. 3-ton forward control, 14-ft. 6-in, dropunmarked 33.5. 2-ton Luton van. 700-cu.-ft. hody.

1953 S.M.C. 2-ton Luton van. 700-cu.-ft. hody.

D. D. COMMERCIALS, 27 Aston Rd.

North. Birminglam. 6. Phone. Ast 3467. 914-486

1956 B.M.C. 5-ton truck, diesel, in good order, Dartford, 914-465

COMMER

1960 d-ton COMMER dicsel van, colour grey, chrouchour, price 41/5;
CHURCH 51REET GARAGE, Church St., Luton, Phone, Luton 2435-6.

1959 COMMER 6D 6-ton truck, one owner-driver, recent recondition. C305 underfloor engine flitted, really superh condition, excellent iters, 6905. A.B. Modows, Canterbury Rd., Kilburn, London, N.W.6. Phone, Maida Vale 4785.

Nation Vale 4787.

New COMMER York 6-wheel alloy 22-cu-yd. tipper 1960 for grain or coal.

1960 COMMER Unipower 6-wheel 22-ft. platform. 1960 fow mileage. £1.450.

1960 COMMER Short-wheelbase 6-yd. tipper, excellent 1960 for the first first for commercial for the first first

OWEST H.P. Open Sunday mornings. Exchanges. JOHN JORDAN, Official Rootes Agents, Manor Garage, Great North Rd., Sandy, Beds. Phone 271, 914-161

HUNTER VEHICLES, LTD. CROWN WORKS, 290 SOUTHBURY ROAD, ENFIELD.

1959 COMMER 4-ton boxvan, 850 cu. ft., petrol, excellent condition, one owner, £450.

IMMEDIATE DELIVERY. HIRE-PURCHASE TERMS ARRANGED.

HOWARD 4184.

1957 TS3 COMMER long-wheelbase tipper, 6475, Langley Mill Commercial Vehicles, Ltd., Lang-

1957 7-ion heavy oil forward-control Luton-type Clay Ton CARS (LONDON), LTD., 17 British Place, Clay Ton CARS (LONDON), LTD., 17 British Place, University 14-218

1959 Color of three, 18-th. body, in excellent order, Terms and exchanges.

RUSH GREEN MOTORS, Langley, Hitchin, Herts, 914-300

1957 (COMMER 7-ton TS3 diesel long-wheelthase condition, £485. A and L Vehicle Supply Co. 27-41 Gravet Lane Saiford, 3. Phone, Manchester, Blackfrairs 1511.

1959 COMMER TS3 platform long-wheelbase flat, NORTH CHESHIRE MOTORS, LTD., Warrington 33271.

1955 COMMER TS3 long-wheelbase platform truck 1955 ex-C-incence owner, fitted heater, H.D. tyres and springs and Teleloader sack hoist, primer finish, E350. Wheelers (Newbury), Ltd., Newbury, Phone 1020

COMMER Superpoise 3-ton drop-side truck. 1954, 675 overhaul. excellent machine throughout, 6165. COMMER 15-cwt. diesel. personnel carrier, 1957, bargain D. EASTWOOD (COMMERCIALS), 27 Asion Rd.
North, Birmingham, 6. Phone, Ast. 3467. 914-487

### Used Goods Vehicles (contd.)

1956 COMMER TS3 drop-side truck, excellent con-dition, £425.

ACORN MOTORS, L.FD., 24 Cross Rd., Hanworth, Middx. Phone, Feltham 5888. 914-406

1956 drop-side truck. £275.
1960 vlober, TS.3 COMMER 5-ton forward-control double-drop-side truck. £275.
1960 vlober, TS.3 COMMER 7-ton forward-control upper, 9.00 x 20 tyres, 5-speed gearbox, Eaton processed rear axle, Anthony gear and 8-cu-yd, body (calibrated), 9.400 miles only, cout £2,215, will accept 6.432. ARRIS MOTORS, LTD., London, S.E.13. Phone, Lee 2525 914-498

Commer Wanted

KARRIER wanted. Karrier Bantam 2-ton truck, van on tractor, or cab and chassis, three required, 1954 on. Quinton and Thompson, Ltd., Lancaster Rd. Uxbridge. Uxbridge 38617. 915-6135

Uxbridge. Uxbridge 38617.

WANTED, COMMER Gamecock, 3-4-ton chassis with crew-type cab, diesel engine. William Oldham and Sons, Ltd., 44 Parliament St., Dukinfield, Cheshire.

### DODGE DODGE DISTRIBUTORS

GLOUCESTER, HEREFORDSHIRE, WILTSHIRE,

### H. R. WILSON-SCOTT, L.TD.,

MONK MEADOW, GLOUCESTER. Phone, Gloucester 24447-8.

ALWAYS NEW MODELS AND USED VEHICLES IN STOCK.

PART-EXCHANGES WELCOMED.

1959, July, DODGE 8-tonner, 20-ft, platform, power steering, air brakes, 956 DODGE 8-ton, 18-ft, platform, type 146R6, new 9.00 x 20, £450.

OWEST H.P. arranged; exchanges. Open Sunday JOHN JORDAN, Official Rootes Agents, Manor Garage, Great North Rd., Sandy, Beds. Phone 271, 914-162

### MAIN DODGE DISTRIBUTORS. FERRARIS OF CRICKLEWOOD, LTD., 200-220 CRICKLEWOOD BROADWAY.

N.W.2 Gladstone 2234-5-6-7.

ALL models from stock or early delivery. COMPLETE spares service for all types.

PERKINS diesel, every facility.

1954 DODGE 7-ton diesel long-wheelbase drop-side truck, 5-speed box, good all-round condition, bargain at £295.

A. W. WATKIN, LTD., Vauxhall-Bedford main dealers.

A. Shortmead St., Biggleswade, Beds. Phone 2021-2-3-4

1960 DODGE, choice of three, 19-ft. platform, two Comet. one Super Comet, power steering, from £1,319. Hannibal Movements, Ltd., 2 Rangoon St., £C.3. Royal 8508 and 7174.

BARGAIN! Must be cleared at once, 1957 DODGE reconditioned tipper, R6 engine, 2-speed Eaton axie, recondition, 2495. Demonstrations arranged. Locomotors, Ltd., 392-8 Moseley Rd., Birmingham, 12, Phone, Calhorpe 0331.

1960 DODGE 3145AY long-wheelbase tipper, yers clean, sound motor throughout.

LANGLEY MILL COMMERCIAL VEHICLES, LTD. Langley Mil 2623, Notts.

DODGE 1955 7-ton model 146AR6, 18-ft. 6-in. drop-side lorry, modified engine, 2-speed axle, £350. ROWBERRY'S GARAGE, Oxhill Rd., Handsworth, Birmingham. Northern 3539.

1955, October, 7-ton DODGE, type 146R6, 18-ft. panelled sides, £325, David Farmer, Haulage Contractor, Rock, Kidderminster. Phone, Rock 204, 914-85197

1955 DODGE long wheelbase reconditioned Po quick sale, £365.
THE RELIANCE GARAGE (NORWICH), LTD.,
Heighham St., Norwich, Phone 28911-5, 914-476 1960 DODGE 7-ton long-wheelbase lorry, 1976. 6-in.

1960 body, 9.00 x 20 tyres, Leyland engine, power steering, at brakes, heater, flashers, low mileage, £1,295.

FREDERICK RAY, LTD., Grovebury Rd., Leighton Buzzard, Phone 2192.

E.R.F. Tractor unit, 1951, fifth pin, 6LW 557 genr-box, double reduction hubs, 2-line nit brakes, £675. Langley Mill Commercial Vehicles, Ltd. Langley Mill 2623, Notts.

E.R.F. 7-ton 18-ft. plaform lorry, 5LW engine, 5-speed searbox, £195 or H.P. arranged, HENRY EATON, LTD., 107 Palmerston St., Ancoats, Manchesfer, Phone, Ardwick 3146. 914-318

1945 E.R.F. Twin Steer, completely rebuilt at E.R.F. sound running order, complete with 20-ft, platform with complete complete with 20-ft, platform with complete comple

FODEN

TWO 1948 FODEN 18-ft, flat bodies, good tyres, 4LW, C-licence operator, flat-front cabs, smart condition, 4325. Edgware 2572. 914-247

### Used Goods Vehicles (contd.)

1953 8-wheel, 6LW, 40 x 8 tyres, double drive, 24-ft.
St. Liverpool, 3. Central 2047.

914-332

1951 8-wheel double-drive 24-ft. flat, 6LW, running order, £385. J. R. Swanston, Colo

NEW FODEN 6-wheel fitted with 6-yd. concrete mix for immediate delivery. Box CM1417, care of "T Commercial Motor." 914-5

### FORD THAMES AND FORDSON

1959 Frader 60 7-ton long-wheelbase drop-sider, worth 6560 good mechanical order, recent repaint, well worth 6560 D (normal control) 4-ton (heavy duty) long-77 wheelbase platform truck, £378.

W. WATKIN, LTD, Vauxhall-Bedford main dealers, Shortmead St., Biggleswade, Beds. Phone 2021-2-3-4.

### Lamberts of Kingston, LTD. MAIN FORD DISTRIBUTORS

TRADER, 1959, 6-cu.-yd. lipper, fully reconditioned, with new strel body and tipping gear, £995, o.n.o.

40 LONDON RD., Kingston-pon-Thames, Surrey, Phone, Kingston 7700 (20 lines) or after hours, Elmbridge 0.485.

1959 Thames Trader, 7-ton Anthony hoist gear, choice of two, guaranteed, £725.

1960 FORD Thames Trader tractor unit, fifth wheel coupling, two-line air brakes, £750.
MILLBURN MOTORS, LTD., Glasgow, N.I. Phone. Bell 4977.

### HUNTER VEHICLES, LTD.,

CROWN WORKS, 290 SOUTHBURY ROAD, ENFIELD.

1956 THAMES chassis-cab, 157-in, wheelbase on condition, 4775 cach, choice of several, hard wood floor, 1956 THAMES truck, 3-ton D.D., hard wood floor, one owner, excellent 1956 THAMES boxvan, 525 cu. ft., 2-way loader

### IMMEDIATE DELIVERY.

HIRE-PURCHASE TERMS ARRANGED.

### HOWARD 4184.

914-127

NEW Trader 75, 18-ft. alloy platform. NEW Trader 5-ton, 152-in. wheelbase, 4D, low frame, 1960 6D Trader Primrose 6-wheeler chassis-cab, £800.

1960 6D Trader Primrose 6-wheeler chassis-cab, £800, 1960 6D Trader 12-ton articulated outfit, S.A.E. pin, 25-ft, platform, very low mileage, £1,150. 1960 0 miles, £675 Standard 7-yd. steel tipper, 26,000 1959 6D Trader 7-ton 17-ft. drop-siders, choice of two, £545. 1959 6D Trader 5-ton 16-ft. 6-in. drop-siders, one owner, clean, £500 each. 1958 6D Trader 5-ton drop-sider, vone owner, £450. 1956 4D Trader 16-ft. drop-sider, 25 m.p.g., £285. 1952 E.T.7, 16-ft. steel drop-sider, reconditioned P6. 1956. OWEST H.P., exchanges. Open Sunday mornings.

JOHN JORDAN, official FORD retailers, Manor Garage, Great North Rd., Sandy, Beds. Phone 271. 914-160

1959 Thames Trader 7-ton tippers, choice of four 959 Thames Trader 5-ton tippers, choice of three. 1959 7-ton Thames Trader truck.

NORMAN REEVES (MOTORS), LTD.,

215-218 HIGH STREET. UXBRIDGE, MIDDLESEX. Uxbridge 33444.

MIDLAND VEHICLE AGENCY offer: 1958 Trader 6D, 1,500 cu. ft. Luton van, £750. 1958 Trader 4D long-wheelbase truck, £395, 560 COVENTRY RD., Birmingham, 10. Victoria 6040; evenings, Northern 874. 914-188

### GORDON KING MOTORS, LTD., FORD AND THAMES DEALERS.

TRADER 4D diesel 4-ton chassis, fitted with 1,250-cu-ft, low-loading Luton body, new and unregistered, ex-works for early delivery, £1,220.

TRADER 4D diesel 4-ton low-frame chassis, fitted with 1,250-cu-ft body, as above, early delivery from 1955 THAMES 4D diesel van, recent reconditioned engine, price £195.
THAMES 1,350-cu.-ft. pantechnicon, Baico THAMES 1,350-cu.-ft. pantechnicon, Baico and Chassis extension. Perkins P6 diesel engine. MITCHAM LANE, S.W.16. Streatham 3133-4.

1958 Thames Trader 6-yd. tipper, £625; a condition, diesel, £325. Highway Coaches, \$1. / 54242.

Used Goods Vehicles (contd.)

### GET THAT COMMERCIAL

### G.T.C. COMMERCIALS, LTD.

1,600 CU.-FT. Thames Trader diesel Luion van, separate cab, superb body, one C-licence owner, 800 CU.-FT. 1957 FORD 4D diesel. 3-4-ton boxvans, integral cabs, coachbuilt bodies, choice of two. 800°CU.-FT, 1952 FORD 4D diesel Luton van, £110. Thames Trader 7-ton long-wheelbase tipper, ley-d, steel body, twin-ram gear, first-class machine, 1900.

April, Thames Trader 7-ton long-wheelbase drop-side truck (don't expect it to be like new).

1960 Thames Trader tippers, Hydrovac brakes, short 1950 Thames Trader tippers, Hydrovac brakes, short 1959 Thames Trader, Scammell artic unit, 2-speed shake and 25-ft, Vork trailer (Scammell coupling), very clean outfit, £950.

1958 Truck, Baico extension, 23-ft, body, Burtonwood tall lift, £255.

1915 fr. 4525. 1955 fruck, one owner from new, £200. 28 BOW RD, London, E.3. Advance 5242-3. (30 yds. from Bow Road Tube Station.)

1958 Trader 6-yd. tipper, 6D diesel, really nice condition, £550. 1958 Trader 6-yd. tipper, 6-tylinder petrol engine, very low mileage, £456. Edgware 2572, 914-250

1950 very low mileage, 5-30. State of the property of the prop

1960, October, Thames Trader 7-ton Edbro tipper, Hydrovae brakes, in first-class order, Thames Trader County 6-wheeler, 21-ft. flat body, air brakes and extras, in excellent order,

1960 Thames Trader 7-ton long-wheelbase truck.

18-ft. body, in excellent order, £700,

ALSO many other good Traders and Fordsons in A stock.

RUSH GREEN MOTORS, Langley, Hitchin, Herts, Stevenage 174.

1960 THAMES Trader 7-ton short-wheelbase Arthony tests or terms arranged.

1950 FORD 4D 4-ton short-wheelbase hydraulic tipper, 29.00 x 20 tyres, 1954 FORD 4D 3-ton drop-side truck, £250.

1954 FORD 4D 3-ton drop-side truck, £250.

HENRY EATON, LTD., 107 Palmerston St., Ancoats, Manchester, Phone, Ardwick 3146.

914-343

1960 Trader 7-ton 6D diesel long-wheelbase drop-side truck, £725.
1960 Trader 5-ton 6D diesel long-wheelbase drop-side truck, £715.
1958 Trader 4-ton, 4D diesel, platform, £325.

DAWNIER MOTORS, LTD., Ewell By-pass, Surrey, 914-428

RADER, late 1960. Hydrovac brakes. 6-wheel County 23-ft. body, 27,000 miles, exceptional vehicle, £1,250. Phone, Cop 4777 or 4713.

958 THAMES Trader 5-ton 4D drop-side truck, 957 THAMES Trader 5-ton 6D platform, £500.

1958 1958 THAMES Trader 7-ton long-wheelbase plat-form, £720. THAMES Trader 3-ton 4D Luton, 900 cu. ft., 1958 THAMES Trader 51-on 4D Luton, 900 cu. ft.,
1959 STANAMES Trader 6D artic, unit, Brockhouse
automatic, Eaton 2-speed axie, heater, 6900.
1950 HAMES Trader 6D or 4 platform, power
steering and air brakes, £1,900.
1957 HAMES Trader 51-on 4D drop-side truck,
1958 THAMES Trader 7-ton 6D drop-side truck,
1954 THAMES Trader 7-ton 6D drop-side truck,
1954 THAMES Trader 7-ton 6D drop-side truck,
1955 THAMES Trader 7-ton 6D drop-side truck,
1956 THAMES 4D 650-cu.-ft. Luton £230.

956 THAMES 4D 1,100-cu.-ft, Luton, recent engine overhaul, £450.
ATE 1959 THAMES 15-cwt. van, £325.

FRANK G. GATES, LTD., Gates Corner, E.18.
Wanstead 6633.

1959 Trader 7-ton long-wheelbase twin-ram tipper, ready for work, &675.

ALSO 1958 (October), £575.

OnLY three of this magnificent fleet of 17 now available, below.

1960 FORDSON 4D 2-ton drop-side truck, genuine
1950 FORD 4D 2-ton Luton van, very clean and
256 well maintained, body approximately 650 cu. ft.,

1950 well maintained, body approximately 650 cu. It., 1955 FORD 4D 2-ton drop-side truck, very clean, one owner, £230.

1955 FORD 4D 30-cwt. drop-side truck, very clean, 1956 FORD 5-ton long-wheelbase drop-side, p6 engine, ready for work, £245.

1954 FORD 5-ton long-wheelbase drop-side, needs repaint, £165 m long-wheelbase drop-side, needs freader 2-ton drop-side (petrol) truck, £2,000 miles only, £575 4 x 4 3-ton ex-W.D., running 58 Registered FORD 5 source, £65.

D. E. AST WOOD (COMMERCIALS), 27 Aston & A. North, Birmingham, 6. Phone, Ast 3467. 914-488

ONE 5-ton 6D long-wheelbase truck, 1959, good con-914-389

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914-389 1959 60 FORD 5-cwt. Thames van, excellent co dition. £245. Cavendish Motors, Cavendish, NW.6. Willesden 0046-8.

Ford Thames and Fordson Wanted

Ford Thames also reuks and Lutons. 1957-60.
USED Thames 4D Trucks and Lutons. 1957-60.
Broadway, N.W.2. Gladstone 2234-56-7.
WANTED, FORD 4D vans and Perkins, all capacities, from 1955 onwards. Chandlers Motors, Lid., 71
Greenwich South St., London, S.E.10. Gre 2033-4.

1959 GUY Warrior tractor unit, Leyland engine, Swald TILLOTSON, LTD., Summit Works, Burnley, Phone 2201-4.

### KARRIER

Karrier Wanted

KARRIER Gamecock truck wanted, diesel engine, brief details and price to S. G. Young, 154-6 Blackfriars Rd., S.E.I. Phone, Waterloo 3131.

Rd., S.E.I. Phone, Waterloo 3131.

URGENTLY. Several KARRIER Bantam and CK3. Utdeest long-wheelbase trucks and J-type units, impoculation where 1stag. W.E.M. Microry Windows (Managed Rd. London, S.W. 20. Phone, Malden 5342, Kingston Rd., London, S.W. 20. Phone, Malden 542, 1988).

LEYLAND

LEYLAND Comet, model ECO2-1R medium
rf-ft. 6-in. composite body, 4-ft. fixed sides, O.350 entime,
900 x 20 tyres, reconditioned throughout.
ISLES, LTD., Stanningley, Pudsey, Yorkshire.
places 5001.

L Pudsey 5001. 914-6038 EYLAND Sieer flat platform, first registered April, 1957, reconditioned engine and gearbox, hubs, brakes and steering overhalded November, 1960, complete with 4-wheeled trailer, full air brakes and 2-deek container, whole outlit in perfect condition, unladen weight 3 ton 15 cett. Ben Motors, Ltd., Muir of Ord. Phos. 2011.

1948 LEYLAND Comer that, new body, good runner, Etc., 2 Rangoon St., E.C.3, Royal 8568 and 7174. 915-6146

### WHALEBONE MOTORS, LTD.,

1957 LEYLAND Steer. 600 engine, air brakes. 23-ft. 6-in. platform body. LEYLAND 6-wheeler, 600 engine, double drive, boxvan body
EYLAND 8-wheeler, 600 engine, double drive, platform
body, late type cab.
EYLAND Comet, 90 engine, castle container body. EYLAND 4-wheeler, 600 engine, boxvan body.

WHALEBONE MOTORS. LTD.,

239-241 HIGH ROAD, CHADWELL HEATH, ESSEX, Phone, Seven Kings 5282.

1952 LEYLAND Octopus 8-wheeler, 24-ft. drop-side, excellent condition, £950. Upminster 5350.

1947 Octopus long-wheelbase, double drive, choice 1948 Beaver long-wheelbase platform, £325.

955 Comet long-wheelbase platform, £550. OHN HUDSON, Doncaster Rd., Bawtry, Yorks. Phone, Bawtry 362, 456, 457.

1955 LEYLAND Octopus flat platform, excellent condition, £1,600.
1957 LEYLAND Comet Scammell tractor unit, £875. MILLBURN MOTORS, LTD., Glasgow, N.I. Phone, 914-176

> BROWNHILLS MOTOR SALES, LEYLAND. ALBION. SCAMMELL AUTHORIZED DEALERS.

EARLY delivery of new LEYLAND Comets and Super our advertisement under Used Goods Vehicles

BROWNHILLS MOTOR SALES.

WATLING STREET (A5), BROWNHILLS, STAFFS.
Phone, Brownhills 2307, 2336 and 2392.
914-216

1959 LEYLAND Super Comet, as new condition, only 40,000 miles, £1,500 under list price, RYLAND GARAGE, LTD., Ryland St., off Broad St., Birmingham, 16. Edgbaston 4501-5. 914-222

LEYLAND Comet tractor unit, very good tyres, clean, smart vehicle, August, 1949, £225. Edgware 2572. 914-248 L BYLAND Octopus 1960 long-wheelbase tipper, as new

EYLAND Steer, 1956, 600 engine, platform body, air brakes and 4-wheeled Dyson trailers.
CENTRAL GARAGE, Barnsley Rd., South Elmsall, near Pontefract. Phone, South Elmsall 276-7-8. 914-324

Pontefract. Floure, assets Steer long-wheelbase 1955, November, LEYLAND Steer long-wheelbase fitted stabilizer, air brakes, alloy body, excellent condition, 1985. A, and L. Vehicle Supply Co., 27-41 Gravel Lane, Salford, 3. Phone, Manchester Blackfriars 1511

1954 LEYLAND Comet short-wheelbase hydraulic lipper, alloy body, 2-speed axie, £425 or terms 1934 Let Ward College and St. 6425 or terms arranged.

HERRY EA7ON LTD. 107 Palmerston St., Ancoars. Manufacture because Massiff 14-ton G.V.W. 4-wheel Manufacture. Phone, Ardwick 3146.

1955 LEYLAND Comet forward-control platform truck, good condition, £525.

CAPITAL MOTOR CO., LTD., Rem ngton St., City Rd., N. I. (Near Angel.) Clerkenwell 7456. 914-387

1950 LEYLAND 8-wheeler, double drive, 600 engine, perfect DIRBRIGHT GARAGE, Pirbright Rd., S.W.18. Vandyke 914-454

MORRIS AND MORRIS-COMMERCIAL 1959 (Late) MORRIS J2 15-ewt. van. in very good DLARDS MOTORS, LED. Minn Care Lane. Barton. 8-45. Bit 6417 and 53 South Stide, Claphern Common. S.W.4. Mac 5495. 914-6119

MORRIS LDO2, 30-cwt, diesel hulk capacity vans, 1956 models, good tyres and mechanical condition, choice of three, £260 each.

L. BOUTS MOTORS, LTD., Stafford St., Wolver, hampton, Phone 23/295-6-7.

1957, August, MORRES 5-ton long-wheelbase diesel, shutter door, ex private company, £550. Wellington Garage (Oldham), Ltd., Huddersheld Rd., Oldham, Bhone, Main 9109.

1957 LCFO 2-ton van, finished blue, unwritten, fitted 1957 heater, diesel ergine, good order, £450. MORRIS LDI 1-ton van, finished blue, petrol engine, sound condition, £250. Thorston Frank WATSON (CROYDON), LTD., Thorston Heath 4221.

PALMERSTON OF KINGSTON,

MORRIS AND MORRIS-COMMERCIAL RETAIL DEALERS.

1955, July, I-ton LD van (petrol), one owner, £185.
1957, October, 3-ton drop-side truck, heater, EC.
1955, November, 30-cwt, LD van (diesel), coach panelled 8,000 miles, one owner, ew engine.

PALMERSTON COMMERCIAL MOTORS, LTD., 75-7 Penrhyn Rd., Kingston 5618.

EX-W.D. 4 x 4 tractors with winch, from £100 each. Cundey and Stewart, Ltd., Alfreton, Derbyshire,

X-ARMY MORRIS short-wheelbase, 4 x 4 short drop-side body (perfect condition). G. W. Lawes, Well d. Friday Bridge, Wisbeck. Phone, F. Bridge 272.

SCAMMELL

PARADISE MOTORS, Geldard Rd., Birstall, Yorkshire. Phone, Moriey 1029. 20-ton SCAMMELLS
and 25-ton low-loader trailers, new cab and latest-type
bonnets and wings.

SEDDON

1955 SEDDON 7-ton platform truck, diesel, 18-ft, body, £245. Barnet 1066, 9 a.m. to 6 p.m. 914-144

1954 SEDDON Tractor. Perkins R6 Mk. II, David 12-ton, 22-ft. 6-in. drop-sided trailer. PRAILLS (HEREFORD), LTD., Holmer Rd., Hereford. 914-150

1956 SEDDON Mk. 5L. 16-ft. 6-in. drop-side truck with canvas tilt, unladen weight 3 tons 4 cwt.. 6456. Cottee and Edwards, Nottingham 46674. 914-208

1957 SEDDON Mk. 15 7j-ton long-wheelbase plat-1940-51 SEDDON 6-ton P6 long-wheelbase flats, 1940-51 SEDDON 6-ton P6 long-wheelbase flats, HENRY EATON, LTD., 107 Palmerston St., Ancoats, Manchester. Phone, Ardwick 3146.

1956 SEDDON Model 14, 5LW Gardner, Kirkstall worm axle, long-wheelbase new flat, air brakes. NORTH CHESHIRE MOTORS, LTD. Warrington

1949 SEDDON tractor unit. P6. 5-speed box with 2-speed axle, ready for work, £145. Edgware 914-445

1955 SEDDON 4-ton platform truck, diesel, £245, Ewell 2382. Surrey, 914-432

SENTINEL

Sentinel 7-ton long-wheelbase platform lorry, reason-ble price and part-exchange arranged. HENRY EATON, LTD, 107 Polimerston St., Ancoats, Manchester, Phone, Ardwick 3146. 914-330

STANDARD

1957 STANDARD Vanguard diesel van. very good lyres. £195. Edgware 2555. 914-444

THORNYCROFT

EX-W.D. 4 x 4 trucks, good selection. Cundey and Stewart, Ltd., Alfreton, Derbyshire. 914-803

MARSTON MOTOR CO. LTD.

TOTTENHAM, LONDON, N. Phone, Stamford Hill 8000.

THORNYCROFT COMMERCIAL VEHICLES

FOR LONDON AND HOME COUNTIES NORTH OF THE THAMES. WE CAN OFFER ADVANTAGEOUS DELIVERY OF

THORNYCROFT MODELS.

Used Goods Vehicles (contd.)

1955, December, THORNYCROFT Sturdy Star box-1925, or terms arranted.

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heater.

BION Chieftain CH3AXL, 9.00 x 20 tyres, seed gearbox, heater, flashers, front b/bar. 1961

1961 6-speed gearbox, heater, flashers, front b/baz.
1961 1 co. 1961 1 co. 1962 1 co. 19

1958 1958

BEDFORD 7-ton long-wheelbase, Leyland engine, 9,00 x 20 tyres, drop-side hody. FORD Trader 7-ton 90 engine, 9,00 x 20 tyres, platform hody. 20 tyres, Eaton axis, power extension Balco extension, 20-ft, drops de 1958 1957

hody.

ALBION Chieftain, 8.25 x 20 tyres, platform body.

ALBION Reiver, Leviland engine, 8.25 x 20 tyres, platform body.

ALBION Reiver, Leviland engine, 8.25 x 20 tyres, platform body.

ALBION Reiver, Albion engine, 8.25 x 20 tyres, platform body.

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1960 BEDFORD 7-ton ex tong chassis-cab, 300-cu-owner, 21,090 miles, E1,050. NEW 18-ft. crop-side body available at extra cost.

1956, November, BEDFORD 10-12-ton articulated 22-ft, heavy-duty platform trailer, 6950 1955 BEDFORD 5-ton petrol Jennings cattle truck 21954 REDFORD 7-ton diesel Drew cattle truck 21958 REDFORD 7-ton diesel Drew cattle truck 21938, November, E.R.F. 10-ton drop-side truck 914-6128

ROOTES, LID. OFFER:-

1956, May, A.E.C. Mammoth Maior, double drive ditioned employed tipping body. Pilot gear record 1959, Advantage Condition throughout 2.5-00, 2.70 (1959), tyre equipment, excellent condition, excellent condition, excellent owner, taxed January, 1962, 2775

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miles, £350, 12-36, 12-

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1958 7-ton Thames Trader fixed-side, steel-bodied tipper, £750, 3-ton AUSTIN boxvan, in good condition, petrol engine, £250.

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THAMES Traders, 138-in. and 160-in. chassis-cubs. ep. 150-in. chassis-cubs. ep. 27, 10-, 12- and 15-cwt. vans. early delivery.

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New BEDFORD TK. 300 diesel engine. 5-ton long-wheelbase, cub and chassis, 7.50 x 16 tyres. 1960 BEDFORD Stype short-wheelbase tipper, steel drop-side body, 9.00 x 20 tyres, £775. Nevember, BEDFORD Stype short-wheelbase tipper, average mileage 8.000, choice of aix.

1900, tipper, average mileage 8,000, choice of als.
1960, August, FORD Trader 6-wheel tipper, Boys
traking systems, 1960

1960 BEDFORD TK short-wheelbase, steel body tipper, £1,000, FORD Trader 6D, 7-ton flat, choice of 20. 1959

1959 FORD Trader 6D, 7-ton flat, indice in 2019 FORD Trader 160-in, wheelbase, steel drop-side tipper, 15-th body, 4825.
1959 side tipper, 15-th body, 4825.
1959 Grossian State of the sta

1930 • 9,00 × 20 tyres, £650.
1958 FORD Trader 6D, 7-ton drop-side truck, £525.
1957 BEDFORD D-type, 6-ton short-wheelbase types, 100 types, 10

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SWINTON, LANCS.
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GARAGE OPEN DALLY (INCLUDING SUNDAYS)
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FORD Trader 7-ton 160-in-wheelbase chassis and cab, fitted with 6D diesel engines and Primrose twin-steer from axles, tipping gears and bodies available for immediate fitting.

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A USTIN B.M.C. 7-ton 1955, fitted with 6-cylinder diesel engine and 14-ft. 6-in. steel tipping body with 4-ft. fixed sides ready for immediate work.

OMMER T53 articulated unit.

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1959

959

operator £275.

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THREE 1956 BEDFORD 10-ton S-type tractors with Seammell coupling and R6 engines, all good runners, sound cabs, tyres fair, 6200 each, 4550 the threately 1956 B.M.C. diesel 8-ton Lutton van approximately light cut in 17-4t. flat floor, roller shutter and

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BEDFORD O-type Scammell tractor unit, fitted wih Perkins P6 diesel engines (one C-licence owner only), exceptional condition; choice of four

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DDDGE 3144R-6 standard 7-ton lippers. S-speed gearbox, 9.00 x 20 tyres. cab heater, flashing deators, one owner from new, choice of two. £1.459. 958 ALBION Clydesdale, 21-ft. platform body, perfect order.
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957 BEDFORD Workobus, £265.

1957 STANDARD Vanguard van, £185.
1957 STANDARD Vanguard van, £185.
1957 dition, £758.
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### EX MINISTRY VEHICLES.

CORDSON ET6 petrol, 6-wheeler chassis and cab, £200, BEDFORD QL 4 x 4 (Grade 1), £175.  $\widetilde{\mathbf{B}}^{ ext{EDFORD}}$  OY 500-gallon water tank, £145.

AUSTIN K5 6-wheeler chassis and cab, £165 AUSTIN K3 Civil Defence rescue vans, £90.

A40

### 514 COLDHAMS LANE.

CHERRY HINTON. Phone, CAMBRIDGE 87597 914-555

LEEK ROAD, HANLEY, STOKE-ON-TRENT, S.-on-T. 23038 and 23039. 9

### Used Goods Vehicles (contd.)

OSWALD TILLOTSON, LTD., SUMMIT WORKS, BURNLEY.

AUTHORIZED DEALERS, MORRIS-COMMERCIAL AND YORK TRAILER DISTRIBUTORS.

DEPOTS AT PRESTON STREET, BRADFORD, 7. Phone 22377-8-9.

293 LIVERPOOL STREET, SALFORD, 5. Phone, Pendleton 2845-6.

KINGSWAY WEST, DUNDEE, Phone 66336.

BRYMBO GARAGE, NEWCASTLE-UNDER-LYNE. Phone, Newcastle-under-Lyne 51331.

1957 A.E.C. Majestic, 9.6 engine, air brakes, chassia1957 chames Trader, 6D engine, 17-ft, 6-in. platform
1959 ch. alloy piatform body.
1958 ch. alloy piatform body.
1958 ch. alloy ch.

1958 SEDDON, LW engine, 2-speed axle, 18-ft.

1959 hody.
ALBION Chieftain, 4-cylinder Albion engine,
6-speed gearbox, 18-ft. piatform body, choice of

1959 FODEN 6-wheeler, 2-stroke engine, air brakes, 1959 22-ft. 6-in. wood platform body, immaculaite. 1959 AlbiON Clydeddale tractor unit, Leyland 375 engine, fifth-wheel coupling. 1959 GV Light 8-wheeler, 775 engine, 2-speed axie, 2-def. Daltform body. 1958 COMMER 183, 2-stroke engine, 18-ft. platform

958 COMMER TS3, 2-stroke engine, 18-ft, platform

COMMER TS3, 2-stroke engine, 18-ft, platform

Solventry (B.M.C.) 7-ton, 6-cylinder diese engine,

Lead and the service of the control of the

1957 Primrose 23-4. Same-tall 1958 of A.E.C. Mercury Mark II, 21-ft. platform body.
1958 E.R. His histel tank.
1958 G.R. His histel tank.
1958 G. Harden and H. History and the property of the platform body.
1959 DENNIS Jubilant, 6-cylinder diesel engine, 5-speed, albeid erive, 24-ft. platform body.
1951 ATKINSON abort-wheelbase twin-steer typer.
1952 S. History and the property of the property o

### ALL INQUIRIES-PHONE OR CALL.

### USED VEHICLE DIVISION,

BURNLEY. Phone 2201-4.

PART-EXCHANGES ARRANGED. 914-77

### BEECH'S GARAGE (HANLEY), LTD.,

DISTRIBUTORS FOR E.R.F., SEDDON, GUY.

NEW B.M.C. 7-ton 150-in-wheelbase chassis and cub, in stock, immediate delivery.

6-wheeler, ex-M.o.S., 3,000-gal. refueller, ex-M.o.S., 20 tyres, excel-

Tyres, in excellent condition.

A.E.C. Matador 4 x 4, ex-M.o.S., in excellent condition.

1955 E.R.F. Model 4.4(G). Gardner 4LW engine. expeed axie. 20-ft. drop-sided body. 9.00 x 20 tyres, new cab. in very good condition.

1959 FORD 6D tractor with York 12-ton 18-ft. pipping trailer. Pilot gear, S.E.A. coupling, in very good condition.

1958 Dyson 4-wheel independent 16-ft. platform trailer, air pressure brakes, 40 x 8 tyres, in 1948 FODEN FG 8-wheeler tipper, Gardner 6LW engine, 40 x 8 tyres, 5-speed gearbox, in fair

condition.

E.R.F. 8-wheeler. 24-ft. drop-sided body, 1954 Gardner 6LW engine. 9.00 x 20 tyres, double-drive sale. in very good condition.

FODEN FEI4, Foden 4-cylinder engine. end pluping lorry, fixed-sided alloy body. 10.90 x 20

NEW SCAMMELL 25-ft. 12-ton trailer, fitted 3-piece drop-sided body, immediate delivery.

### BEECH'S GARAGE (HANLEY). I TO.,

1959 Trader 30-cwt, diesel truck, 11,000 miles only, 6695.
1949 3-ton Thames insulated meat van. 4-cvlieder

1949 3-ion Thames insulated meat van, 4-cylinder 1949 petrol engine, 8225.
1956 BEDFORD 10-12-cwt. van, engine recently CONDO overhauled, 8205.
CONDO 10-cwt. van, repainted green, ladder rack services and the services of t

RUMSEY. LTD.,

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Phone 294441 (10 lines). USED COMMERCIAL VEHICLES.

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### NEW COMMERCIAL VEHICLES.

10- 12- and 15-cwt. vans, pick-ups, painted and primer IAMES caravan conversions, 4-berth, all accessories, immediate delivery, Kenex Carefree and Martin Walter mobiles

PRADER 75 6D 7½-ton long-wheelbase chassis-cab

RADER 6D 7-ton 6-cu.-yd. Anthony tipper.

RADER 6D 7-ton long-wheelbase truck.

EARLY deliveries, all models.

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AUSTIN I-ton diesel van, LDO4, forward control, list.

914-89

USTIN 1-ton petrol van, LD4, forward control, list,

OSTIN 2-ton forward-control chassis-cab, T200 petrol, 10-ft. 9-in. wheelbase, list.

USTIN 2-ton forward-control chassis-cab, T200 petrol, 49-ft. 6-in, wheelbase, list.

49-ft. 6-in, wheelbase, list.

VSTIN 7-ton detect chassis-cab, 9.00 x 20 tyres, long-wheelbase, list.

EARLY delivery of all AUSTIN commercial vehicles.

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1960 BEDFORD 10-12-cwt. van. repainted, £330. 1960 30-cwr. diesel LDO5 vans, painted blue, choice 1958 coMMER T53 drop-side lorry, painted green, COMMER, petrol, £75.

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### CANTERBURY 6161 (10 lines), 914-496

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New Immediate Delivery.

7-TON COMMER 13-ft. 6-in. wheelbase chassis-cab, 9.00 x 20 tyres, 5-speed gearboxes and air brakes.

COMMER tractor with Scammell couplings.

COMMER 15-cwt. van. OMMER 30-cwt, van.

COMMER Cob.

1960 BEDFORD 12-15-cwt. van. small mileage, from 1959 FORD Thames 7-ton platform, £695.

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UXBRIDGE (UX) 37847.

After hours, Iver 561 or Beaconsfield 1081, 914-536

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1957 BEDFORD 7-ton 300-in. diesel drop-side truck, 6590.
1960 COMMER 15-cwt. diesel van, £500.
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A.E.C., MORRIS-COMMERCIAL AND YORK.

1959 ALBION Clydesdale CD21L, new tyres, 6speed, heater, drop-side, 21-ft., in fine order,
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heater, good tyres, excellent order,
1960 speed, heater Comer, CS 3/2 chassis-cab, 6speed, heater tractor unit, 3/3/2 chassis-cab, 61957 COMMER TS3 7-ton platform, acod order,

1959 COMMER TS3 Scammell tractor unit, good

CRANES CLOSE.

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CHIPPING SODBURY, BRISTOL Chipping Sudbury 2277 (four lines)

YORK trailers. Full range nearly always in stock, 20-ton landem aske up to 27 ft.

TRADE for Gloucestershire, Wiltshire, Somerset, Devon and Cornwall.

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A LBION Reiser RE25T double-drive 6-wheeler, 6-speed acarbox. Comet 400 engine on 9.00 x 20 14-ply, being fitted with two front rate topping as 2.0 14-ply, being fitted with two front rate topping as 2.0 4-double body, complete and in primer, £3,224, wood A.BBION Chieftain CH3ANT, 6-speed, heavy-dusty rear assie, on 9.00 x 20 12-ply, can be fitted with tripping axie, on 9.00 x 20 12-ply, can be fitted with tripping can be only, £1,831 long-wheelbase 6-wheeler, chassis A.E.C. Marshall long-wheelbase 6-wheeler, chassis A.E.C. and cab, air brakes, on 10.00 x 20 14-ply tyres, £2,015.

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A E C. Mustanz, Iwin-steer chassis and cab, air chassis and cab, air brakes, on 10.00 x 20 14-ply tyres, £3,095.

A E C. Mustanz, Iwin-steer chassis and cab, 96-litte entance, on brakes, property of the control of the chassis and cab, takes a 23-th body, £3,044 is 6d.

BEDFORD 10-ton Kakes a 23-th body, £3,044 is 6d.

BEDFORD 10-ton Kakes, 2-speed, 8.25 x 20 14-ply
DEDFORD 24-ton KGROS, property of the chassis of the ch

DFORD 74-ion KGLCs long-wheelbase 167-in, chassis and cab, on 9.00 x 20 12-ply tyres, 2-speed, 5-speed,

D and cab, on 9.00 x 20 12-pity tyres, 2-speed, 5-speed, 5-speed, 51,755 28,

ALBION Chieftain CH3ANL 13-ft. 6-in, wheelbase Cahasis and tab take up 13 20-ft. body, 6-speed, chasis and tab take up 13 20-ft. body, 6-speed, chasis and tab take up 13 20-ft. body, 6-speed, chasis and capacity blower, beasy-duty p.1.-o., ar silencer, all extrasfor bulk delivery including two quick-release 10-ft. hoses, 6-ft. bademand 2881 148.

VORK Preightmaster 1B4, 26 ft. long, 8 ft. 6 in, high, vacuum brakes, S A E. coupling, £1,955 6s. 6s.

VORK TWA2A 26-ft. tandem-axle semi-trailer, are supported to the coupling stars, 5-ft. headboard, 2881 148.

Hand Stars and Stars are supported to the coupling stars, 9-00 x 20 10-pity tyres, 2-ft. headboard, 2881 148.

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Hand ROVER, 8s in, petrol, 674 12s.

### LONG WHEELBASE.

A LBION Reiser. 1956, 21-ft. platform. Comet engine, good condition throughout. 5900.

A LBION Reiser. 1956, 21-ft. aluminium framed platform body, standard coashbuilt cab, in exceptionally good condition throughout, one owner, £800.

B.M.C. 1957 diesel rigid 6-wheeler, platform body, good condition throughout, £750.

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BRISTOL 1953 8-wheeler, long wheelbase, platform, £725.

SENTINEL 1955 12-ton trailing axle 6-wheeler, flitted with Gardner SLW vertical in the cab, missing proposals, charge to clear, East, and the cab, missing proposals, charge to clear, East, proposals, condition throughout, 1725, 20-61.

### TIPPERS.

A.E.C. Mammoth Major 8-wheeler, 1954, 9.6 engine, recently flited (work) reconditioned, 16-ft. 9-in. wheelbase, double drive, inted with new Pilot inpole sear and wood dron-side body, £2.501.

A.E.C. Mammoth Major 8-wheeler (December), 1955, 9.6 engine, double drive, wood body inper, in ceptionally good condition throughout, £2.150.

Long wheelbase 1960, 200, 1975

hard work, £1,500. Stronghout, ready for immed ate

E.R.F., 1949, 4LW Gardner, standard wood body

B.M.C., 1956, long-wheelbase tipper, good congeneral dation, suitable for coul or coke, £575.

Belford 1954, 4-19e tipper, chassis and cab only,

EEDFORD 1954, 4-19e tipper, chassis and cab only,

Belford 1954, 5-10n, R6 U-shaped steel-body lipper,

EEDFORD 1955, 4-19e, 5-ton P6 standard wood-body

Belford 1954, 7-ton, R6

EEDFORD 1955, 7-ton, R6

EEDFORD 1955, 7-ton, R6

EEDFORD 1955, 7-ton, R6

EEDFORD 1955, 8-19e, 8-19e

BEDFORD 1954 7-ton, R6, standard U-shaped body,

### TRAILERS AND ARTICULATED.

EYLAND Super Comet, November, 1960, virtually now tractor unit, complete with new York lightweight 26-ft, tandem-sake semi-trailer on 9-ft x 20 all round, this as an exceptionally good outfit, ready to drive away, all in primer, £3.860.

BEDFORD 1958 Comet tractor unit complete with Tasker low-loading trailer, Rook-outf axle, 12 ft. in the well, in good condition throughout, 40,000 miles only, £1,000.

only, £1,000 miles

PEDFORD. 1952 R6 dieset Dyson 10-ton semi-fowmiles of the control of the c

(Continued in next column)

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NEW Coles 10-ion Regin dresel-electric, 40-ft, cantilever in the mounted on a 1953 Foden double-drive 8-wheel chases and cab, £7.750 complete.

SECOND-HAND A.E.C. Coles 5-ton crane, all-wheel drive, 7.7 diesel engine, just fitted with new driver's cub, 3-ton Coles diesel-electric crane, powered by Ford 40 engine, direct drive to generator, mounted separately and A.E.C. chassis, in good working condition and sold with the service of the cole of the service of the s

### HARRY DANDO.

VAUXHALL MAIN DEALERS, WEST END GARAGE.
CHIPPING SODBURY, BRISTOL.
Chipping Sodbury 2277 (four lines). 914-576

### ISHERWOODS GARAGES, LTD. DODGE AND E.R.F. DISTRIBUTORS.

1959 BEDFORD 7-ton drop-side truck, Leyland Comet engine, long wheelbase, Eaton 2-speed

BEDFORD 7-ton tipper, Leyland Comet engine, medium wheelbase, choice of two. BEDFORD 5-ton drop-side truck, petrol engine 1956 1955 BEDFORD 5-ton tipper, aluminium body, Perkins engine. BEDFORD 5-ton hopes.
Perkins engine,
FORD Thames 5-ton drop-side tipper, Perkins

1956 FORD Thames 4D drop-side truck. 1954 FORDSON drop-side truck. V8 petrol engine

950 1957, December, GUY Ofter Iona-wheelhase drop-side truck, Perkins engine, Eaton 2-speed asle. DENNIS Stork Luton van, aluminium body, 1, 400 cu. ft. 1955 L450 cu. ft. 1959 tregistered) DENNIS 6-ton tipper (ex-Ministry), Dennis Max diesel engine, new wrap-round

### 110 BUXTON ROAD,

STOCKPORT Phone, Stockport 5083. 914-318

### HALE MOTORS (TOTTENHAM), LTD.,

1958 COMMER Cob boxvan, excellent order.

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1958 AUSTIN Omnivan, plain green, spare wheel 1959 Thames Trader 7-ton diesel hydraulic tipper. 1959 Trader 6D 7-ton hydraulic tipper 1960 COMMER 15-cwt. petrol-engine boxvan.

AUSTIN, Ford, Rootes Group.

AVAILABLE for immediate delivery, FORD 15-ewt. van, Commer 15-ewt. boxvan; Commer 30-ewt, super-capacity diesel boxvan and Commer Express delivery van. TRUCKS.

COMPREHENSIVE stock always held.

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### WALTON MOTORS.

£350. wheeler, 60tt engine, one C-licence owner only.

£135 FORD Cost Cutter large Lution furniture van,

£275 1956 A-type diesel BEDFORD short-wheelbase

£195 B.M.C. diesel short-wheelbase tipper.

£185. £190. 1956 (December) FORD 4D diesel 4-ton lurry. £125. 1951 SEDDON diesel flat lurry. £275. 24-ft. 12-ton Tasker articulated trailer, fitted £325. 23-ft. 10-ton SCAMMELL trailer, 9.00 x 20 tyres. £325. 23-ft. 10-ton SCAMMELL traile £175. 20-ft. 8-ton SCAMMELL trailer.

£100. 18-ft. Crane draw-bar trailer. £00. 16-ft. Hands draw-bar trailer, air brakes c 100. Perkins R6 engine, complete with S-type Bedford fittings, good runner.
Perkins P6 engine, complete with Bedford fittings and accurbes, etc.
AUSTIN tast chassis, complete with diesel-engine, good runner.

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GREAT CAMBRIDGE ROAD, ENFIELD, MIDDLESEX, FORD MAIN DEALERS, Phone. Enfield 3356.

1954 7-ton long-whethase DODGE diesel truck.

1954 5-speed gearbox, engine completely overhauled.

1958 2-ton diesel FORD Thames van, in good con1958 MORRIS 15-cwt, J2 van.

1959 THAMES 5-cwt, van.

1958 MORRIS 15-cwt, J2 van.

1959 THAMES 5-cwt, van.

1958 MORRIS 15-cwt, J2 van.

1959 THAMES 5-cwt, van.

1958 THAMES 30-cwt, 4D diesel high-roof van and rechtle, finished in dark green, £285, 914-317

1958 THAMES 3-ton 4D diesel truck, F.W.B.

June 23, 1961-THE COMMERCIAL MOTOR 57

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OFFER for early delivery new E.R.F. and Dodge trucks, immediate delivery of --

ALSO immediate delivery of:— NEW ALBION Caledonian 8-wheel 22-ft, alloy tipper

W A E C 8-wheel double-drive hydraulic tipper, large alloy body, 96 engine. W DODGE 8-ton iwn-siteer. Leyland engine, 16-ft. W DODGE 8-ton hydraulic tipper, new Perkins enging.

DODGE York 19-ft. tipper, Leyland engine. DODGE Perkins 7-ton short-wheelbase hydraulik

1957 ALBION Reiver 22-ft, drop-sided trinsk, Leyland ensine.
1958 AFKINSON 8-wheel 24-ft, flat, 9.6 A.E.C. engine.
1953 ATKINSON 6-wheel 24-ft, flat, Gardner.

1949 A.E.C. 8-wheel 24-ft. flat.

1956 SEDDON articulated, fitted SLW engine and 224ft, van body, fifth wheel coupling, 1954 Ac.C. 8-wheel tipper, Is-6ft affur body, 9.6 engine, 14-ft, hydraulic tipping trailer, clean

953 FODEN 8-wheel tipper, Gardner, 23-ft. new atech body, resprayed.
ATKINSON 8-wheel double-drive tipper.

946 ATKINSON 8-wheet doubles bydraulic tipper, 952 VULCAN short-wheelbase hydraulic tipper, 4LW engine, resprayed, 4TKINSON 4LW 15-ft, hydraulic tipper.

1952 A. S. Short-wheelbase hydraulic tipper, 1954 ATKINSON 4LW 154th hydraulic tipper. 1955 BEFFORD 74on long-wheelbase 15-ft. alloy sided from the proper story of th

1960 FORD Trader long-wheelbase hydraulic tipper, new 2000 miles.
1958 FORD 7-ton Trader flat.
1956 FORD D long-wheelbase truck, new engine. 1956 FORD D steel-bodied tipper, very clean.

ALL TYPES OF BODIES BUILT IN WOOD AND

ALLOY.
HIRE-PURCHASE, LOW DEPOSIT AND PARTEXCHANGE.

MILE HILL GARAGE,

CHESTERFIELD ROAD NORTH. MANSFIELD.

1958 12-cwt. BEDFORD bottle float, repainted and in good condition.
1946 THORNYCROFT diesel drop-sider, bargain processor of the processor of

1955 Cowley van 1957 J2 F.C. van. 1957 COMMER TS3 tipper. 1958 COMMER TS3 tipper.

1954 LEYLAND Comet medium-wheelbase troper. 1953 LEYLAND Comet long-wheelbase drop-sider.

1958 COMMER TS3 fractor. 1952 COMMER (petrol) tractor, bargain, 175,

NEWCASTLE (STAFFS) MOTOR CO., LID.,

NEWCASTLE ROAD. TRENT VALE. STOKE-ON-TRENT. Phone. Newcastle (Scaffs) 64621-2-3-4-5.

### H. TAYLOR AND CO. OFFER:-

1959 COMMER 30-cwt. Superpoise van, green, 1958 BEDFORD 10-12-cwt, drop-side truck, blue, 225.

### ELMBRIDGE 0081.

FERRARIS OF CRICKLEWOOD. LTD. 200-220 CRICKLEWOOD BROADWAY. N.W.2.

Gladstone 2214-5-6-7.

Thames 7- and 15-cwt, vans and trucks, also NEW Thames Trader, 3-5-ton trucks.

TEW Thames Trader, Lutons.

NEW MORRIS MINOR VARS. NEW MORRIS vans, 10-30-cwt. 12, 14 and LD.

LL the above vehicles available from stock. 1959 MORRIS 15-cwt. J2 van.

1958 B.M.C. long-wheelbase drop-side, Eaton 2-speed, SPURLING MOTORS (CHISWICK), LTD., COMMERCIAL MOTORS (CLAY CROSS), LTD., (CHISWICK FLYOVER), VAUXHALL, BEDFORD MAIN DEALERS. FOR Quality Tested used vehicles. 1958 and 1960 CA vans, long and short, from 1958 and 1960 CA vans, long and short, from 1958 also condition, choice of two from 250, BEDFORD 3-ton petrol Spurling van, £225. BEDFORD 5-ton short-wheelbase diesel tipper, see the short-wheelbase twin-ram tipper, exceptional condition.

BEDFORD 5-ton long-wheelbase twin-ram tipper, exceptional condition.

B.M.C. diesel short-wheelbase tipper, in very good order, AUSTIN 1-ton van. repainted, in very good condition. 955 BEDFORD 5-ton diesel hoxvan, 1,000 cu. 1958 COMMER Karrier 3-ton desel boxvan, 350-cu-1958 ft., separate cab, very clean vehicle, £675. 1958 chames Trader 7-ton diesel platform truck, 1957 AUSTIN 13-cwt. diesel van, one owner, £285. BEDFORD HOUSE, CHISWICK HIGH ROAD, CHISWICK, W.4, Chiswick 6741. 914-566 MARSTON MOTOR CO., LTD., DEDFORD S-ton normal-control coachbuilt platform lorry, a superior vehicle, one owner, first registered June, 1960, £745.

DEDFORD 7-ton drop-side truck, diesel, first registered May, 1957, £565. 7 3-ton platform lorry, one owner, £50DON diesel Mk. 7 3-ton platform lorry, one owner, £50DON diesel Mk. 7 3-ton platform lorry, one owner, £50DON diesel Mk. 7 3-ton platform lorry, £50DON first registered 1954, £345.

EDDON STANDER OF THE PROPERTY SEVEN SISTERS ROAD, TOTTENHAM, LONDON, N Phone, Stamford Hill 8000. AUSTIN COMMERCIAL VEHICLES THORNYCROFT COMMERCIAL VEHICLES FOR LONDON AND HOME COUNTIES NORTH OF THE THAMES. 1951 GUY Otter, 4LK Gardner engine, 1.500-cu ali-alloy Luton van on brand new 8.25 x remould tyres.

1956 AUSTIN 3-ton forward-control diesel 1,500.

1956 FORD Thames 4D 4-ton 1,100-cu.-ft. Luton van. 1956 BEDFORD 7-ton forward-control 10-cu.-yd. fixed-side afloy tipper, fitted reconditioned R6 1956 BEDFORD 7-ton platform lorry, R6 dies engine.
1956 AUSTIN 7-ton forward-control drop-side truc BEDFORD 7-ton platform lorry, R6 diesel 20,000 miles, £475.

1952 ALBION 4-cytinder diesel 1,600-cu.-ft. all-alloy 1957 FORD Thames 4D 1,250-cu.-ft. Luton, £675. 1957 FORD Thames Trader 4D 5-ton 1,650-cu.-ft.
1958 FORD Thames Trader 4D 5-ton 1,650-cu.-ft.
1959 FORD Thames Trader 4D 5-ton 1,650-cu.-ft.

AFTER 6.30 P.M., LITTLEBOURNE (KENT) 318.

CANTERBURY 5476.

1950 BEDFORD 5-ton OL model, average condition, choice of three, £75.

1953 COMMER 3-ton van with side-loading di-new tyres, £175.

1951, As above but requires tidying. £75.

58 THE COMMERCIAL MOTOR-June 23, 1961

C. L. AND H. L. BLUNDELL, LTD., AUSTIN, DODGE MAIN DEALERS.

A USTIN 5-ton normal-control petrol chassis and cab.

TIPPERS.

1957 AUSTIN diesel 5-ton, short-wheelbase, as new throushout, £625.
1947 COMMER 44-yard petrol-engined tipper, good condition throughout, £95.

TRUCKS.

TRUCKS.

1959 Thames Trader 7-ton platform. 20-ft. body. reconditioned engine. £725.

1958 COMMER 7-ton TS3. air brakes, 5-speed gear-body. The platform of th

953 DODGE 5-tonner, P6 engine, £225. 1944 LEYLAND Beaver, fair condition bodily, good mechanically, choice of two, £245.
LEYLAND Beaver, good condition, £325.

ISTIN 7-ton forward-control tipper, steel body, extras, DODGE 9-ton chassis and cab, 2-speed axie, air brakes, power steering, 375-cu.-in. engine, 10.00 x 20 tyres.

Used Goods Vehicles (contd.)

Used Goods Vehicles (contd.)

DEES OF CROYDON.

CROYDON 6011.

ROADWORTHY CONDITION.

1958 Trader 6D 7-ton long-wheelbase drop-side truck
1959 green, extra equipment, 8.25 x 20 tyres, £550
BEDFORD 500 Diesel 7-ton long-wheelbase
truck, low-mileage engine, 8.25 x 20 12-ph

1959 BEDFORD 300 diesel, 2-speed axle, 1959 fixed-sided tipper, very clean, low mile

1954 COMMER TS3 7-ton flat truck, clean, £300. 1955 BEDFORD R6 7-ton truck, clean, £300.

1955 E295.

Thames reconditioned 4D 7-ton days.

1955 Thames reconditioned 4D 2-ton short-wheelbase truck, £190.
Trader articulated unit, £550.

1959 Trader 5-ton 4D 152-in.-wheelbase truck, £600

HUBERT DEES. LTD.,

15-19 BRIGHTON ROAD, SOUTH CROYDON.

Croydon 6011.

A LBION. 1957 B.M.C. 7-ton drop-sided body, power steering with 2-sneed axle.
1957 COMMER TS3 (choice of two). 955 LEYLAND Comet (normal control) drop-sided.

A.E.C. Mammoth Major. double drive, 9.6-litre engine, flat platform 23 ft. 6 in.

FORD AND SLATER (LINCS.). LTD.,

MACAULAY STREET, GRIMSBY. Phone 57181.

1955 ALBION Reiver 21-ft. 6-in. drop-side. choice 1957 Ditto.

HIRE-PURCHASE. PART-EXCHANGES.

CLAY CROSS. DERBY. Phone, Clay Cross 3302-night extension. 914-122

JACKSONS

MODERN SELECTED VEHICLES.

O. T. Jackson Motors. Ltd.,

855 NEW WOLVERHAMPTON ROAD, LANGLEY. NEAR WOLVERHAMPTON. Phone, Broadwell 2871-2-3.

HILLS.

HILLS.

THE NIGHTINGALE ENGINEERING CO.

PORT STREET, PICCADILLY, MANCHESTER, Central 4311, 91

New 10-ton COMMER TS3 S.A.E. tractor.

1948 ATKINSON 6-wheel double-drive tipper 1952 A.E.C. 4-wheel drop-side.

1958 BEDFORD long-wheelbase tipper.

FORD AND SLATER (LINCS.), LTD.. MACAULAY STREET, GRIMSBY

SCAMMELL.

914-78

914-178

1956 Thames 4D 30-cwt, van, clean, £225.

FOLKESTONE 51988.
ASHFORD (KENT) 99.

ATKINSON 8-wheeler, 6LW, 24-ft, alloy body, nice condition.

1955 anice condition.

1955 paine, clean vehicle.

1955 THORNYCROFT 8-wheeler, 24-ft, all-metal pattorn body, ex C-licence operator, one

1960 (Late) A.E.C. 8-wheeler, choice of two, as new.

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THE TRUCK CENTRE OF THE BRITISH ISLES.

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1958 LEYLAND Comet forward-control short-wheelbase tipper with 2-speed axle and 5-speet gearbox, very clean, sound vehicle.
1959 box, air brakes, Eaton axle, Scammell coupling, and 25-ft, platform trailer.
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1956 E.R.F. tractor, 7.7 engine, fifth-wheel coupling, good tyres, sound, owner, and bright search of the speed axie, platform body, good tyres, very clean machine.

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1956 FORD 4D 1,400 cu. ft. Luton, in very good 1956 BEDFORD petrol boxvan.

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1956 and equipment fitted fast year, £1,850.
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GOOD USED COMMERCIAL.

A USTIN 5-ton drop-side truck, body length 16 ft. 6 in., 1955 cicest.

Moralls prime mover, 1954, fitted with diesel engine and Tasker coupling.

USTIN 5-ton, 1955, fitted diesel engine, special administration body. 21 ft. long, good condition, correlator.

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In good condition. C-licence operator.

USTIN 5-ton. 1960, 5-tu.-yd. drop-side tipper body.

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1960, body, also fitted with 9.00 x 20 tyres, cab heater and flashers, 25,000; miles, £1,095.
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A GENTS for Austin, Ford and Standard commercials; a large selection of new and used vans always in NEW AUSTIN 11-ton van, diesel, in primer.

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PERKINS DIESEL SIGNHOLDERS. 1958 DODGE diesel 6-ton double-drop-side truck,

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1956 exceptional condition. £240.
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1959 ALBION Clydesdale CD21XI.W. 24-ft. plat-

1959 COMMER TS, 13-ft. 6-in. wheelbase, new platform bods. clean, E800.
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36-42 EYE ROAD. PETERBOROUGH.

1958 AUSTIN ASS truck, reconditioned engine, resprayed green, £310.
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throughout, £550
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1954 L200.
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1952 ALBION HDS7L 8-wheeler, 24-ft, platform, air
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1955 THORNYCROFT Trident long-wheelhase tipper, SEND for detailed price list of all our vehicles.

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WO A.E.C. Mercury long-wheelbase chassis and cabs ONE DODGE 8-ton long-wheelbase chassis and cabs. NE DODGE 6-wheeler tipping vehicle (York third axle).

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New BEDFORD TK and J models to measure of the colorery.

1960 Model BEDFORD 5-ton diesel long-wheelbase 1960 normal-control platform truck, 16-ft. body, 8.25 a 20 tyres, a specimen vehicle throughout, £695.

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only, £425,

BEDFORD 6-ton long-wheelbase normal-control

57 300 cu, in, diesel twin-ram tipper, heavy-duly

alloy body, with extension detachable sides, 8.25 x 20

tyres, Eaton 2-speed axle must be seen to be appreciated,

1405. Thames 4-ton 4D tipper, one very careful owner1956 driver, small milezae, £225.
1958 driver, small m

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953 BEDFORD 5-ton tipper, petrol.

959 BEDFORD 15-cwt. Luton.

959 BEDFORD Utilabrake, farmer's model.

959 BEDFORD Utilabrake.

957 BEDFORD Workabus. 957 MORRIS Minor van.

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THAMES Trader 6D long-wheelbase container-type cattle trade, also 7-ton 6D medium-wheelbase 7-cu-yd all-steet low-line tippers, also 7-ton 6D 160-tin-wheelbase double drop-side truck. AUSTIN B.M.C., fully forward control, alloy platform bodywork, 1935-56 model, in excellent order, one

DEDFORDS, diesel, long wheelbase, 1955, very clean and in excellent condition, £335.

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1955 BEDFORD 7-ton forward-control truck, diesel, well tyred, repainted blue, very excellent

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### SPECIAL SHOW MODEL.

BRAND-NEW and unregistered BEDFORD 3-t forward-control drop-side truck, 200 diesel enginadio and heater, painted grey, full manufacture warranty, £1,075.

COMPREHENSIVE SELECTION OF FOR CONTROL AND NORMAL-CONTROL NEW BEDFORDS.

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PART-EXCHANGES WELCOMED.
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AFTER HOURS, STEPPING HILL 1285.

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NEW steel drop-side bodies and Edbro or Pilot gears fitted to your FORD Trader 138-an. or 160-in. chassis, same-day service. Pilot and Edbro gears always stocked,

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B.T.C. 12 months old, in excellent condition, fifth-wheel coupling, 2-line air brakes.

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FEW A.E.C. Mammoth Major 8-wheeler chassis-cab. II.3 engine, 6-speed gearbox, 8-wheel brakes, delivery from stock, bodywork to your requirements.

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14 183001W speed axle, fifth-wheel coupling, delivery from stock.

From stock of the speed axle, fifth-wheel coupling, delivery stock of the speed axle, fifth-wheel coupling, delivery stock of the speed axle of

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1955 DODGE platform lorry with diesel engine.
Eaton 2-speed axle, engine springs, etc., reconditioned and renewed and electrical system renewed

ditioned and received and throughout, \$450. RD. 7-ton long-wheelbase diesel drop-throughout, \$450. RD. 7-ton long-wheelbase diesel drop-throughout from the second throughout the second through the seco

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1951 DODGE. Eaton 2-speed axle, drop-side truck,

1948 MAUDSLAY 8-wheeled platform, A.E.C. 9.6

1953 DENNIS Jubilant platform, close-coupled

1954 by 4, £550.

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ALDERSHOT.

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1956 BEDFORD 7-ton short-wheelbase Mk. II R6 diesel engine, 6-cu.-yd. steel drop-side tipper, 1950 diesel engine, 6-cu.-yd. steel drup-sac. Inderfloor gear, £375, 1955 diesel engine, fitted with new platform boo diesel engine, fitted with new platform boo

and cas heater £275.

1955 BEDFORD 3-ton long-wheelbase truck with tilt, petrol engine, £400.

1953 BEDFORD 7-ton petrol engine long-wheelbase truck with tilt, petrol engine, £400.

1953 BEDFORD 7-ton petrol engine long-wheelbase truck, fitted with Burtonwood tail lift, £300.

1953 BEDFORD 7-ton petrol engine long-wheelbase drop-side wood 6-cu-yd. tipper, £345.

CHOICE of several BEDFORD CA vans, 1958, from £225.

CHOICE of several 12-seater F.S.V. passenger vehicles.

BEDFORD and Ford.

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COMMERCIAL VEHICLE SPECIALISTS.

ATKINSON, AUSTIN. FORD, DODGE.

1958 Thames Trader 7-ton diesel, 20-ft. platform 1957 Thames Trader 5-ton diesel drop-sided truck.

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PRAILLS (HEREFORD), LTD.,

HOLMER ROAD, HEREFORD. Phone 4221.

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1954 BEDFORD normal-control 5-ton long-wheelbase with Pilot twin-ram tipping gear. Eaton 2-speed axie, one owner, ready for immediate work. £300, PORD Thames diesel 30-cwt. dron-side truck Unre, 1953), excellent tyres, heater, low nominal mileage. CASR buyers for good used commercial vehicles.

VARIOUS tractors and flats. View by appoint

1953 LEYLAND Royal Tiger, 41-seater, 1953 CROSSLEY 37-seater Churchill,

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ACE OF SPADES GARAGE, BUTLEY, NEAR MACCLESFIELD. Phone, Prestbury 89643.

914-316

GUY Luton. 1,200 c.c., good runner, £110; Commer 7-10n 18-ft, truck, good runner, £165; Commer 6-10n truck, £220; Trojan Luton P3, good runner, £225; Ford Luton P6, 1,800 c.c., sound £295; Vulcan Luton P6, 1,200 c.c., sound £195; Vulcan Luton P6, 1,200 c.c., sound £175. Clark, Tho \$313.

1960 BEDFORD 6-wheeler, Boys axle, power steering dition, £1.550

dition, £1,500

1958

SCAMMELL Trader articulated units, choice of four with 8.25 x 20 12-ply tyres, from £550, 1957

COMMER TS3 7-ton flat platform, long wheelbase finted 9.00 x 20 12-ply tyres, 5200, 1957

Possible Trader articulated units, choice of comparing first 7-ton long-wheelbase tipper, perturbed to the property tyres, £150, 1958

Possible Trader 1958

Possible

R. J. BROWN, LTD., Broadway, Pontypridd. Phone

ONE DENNIS Max 16-cu.-yd. tipper, £275, TWO AUSTIN long-wheelbase trucks, £75 each.

WO mobile compressors mounted on Bedford chassis, ONE A40 pick-up, £175.

ONE A40 pick-up, £75.

ONE LAND ROVER, £125.

NE AUSTIN 5-cu.-yd. tipper, £100.

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1947 DAIMLER double-decker high-bridge 56-seater.
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WANTED, DAIMLER single-decker half-cab coaches, fitted with CVD6 oil engines, certificate of fitness and necessary.

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1946 GUY double-decker high-bridge 56-seater, certifi-1946 GUY double-decker low-bridge 53-seaters, colored 2360 asch gitted with Eastern County bodies, two Mill Burn MOTORS, LTD., Glasgow, N.I. Phone. Bell 4977.

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L EYLAND PD2 53-scater, Brush low-bridge bodies, 8-ft. wide chassis, certificate of fitness. Terms, exchanges. NoRTHS, Pontefract Rd., Stourton, Leeds, 10. Phone. Rothwell 3157, 914-447

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1949-51 LEYLAND PS1 or PS2, body make immaterial but must be sound. Box CM135, care of "The Commercial Motor." 914-155

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1951 31-seater coach, certificate of fitness 1962, £225, offers considered. Locksheath 3368, South-915-x5219

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1960 BEDFORD diesel 41-scater Super Vega, exterior grey-pine.
1959 Settleway 2047 three first super Vega, exterior blue-grey, extended of inness 1960.
1959 Super Vega, moquette red, exterior cream-red, of inness 1960.
1959 BEDFORD period 41-scater Super Vega, exterior gream-red.

BEDFORD peirol 41-seater Super Vega, exterior grey-blue.

BEDFORD diesel 41-seater Super Vega, exterior universal maroon.

BEDFORD peirol 41-seater, exterior blue-cream, exterior green, extra diesel and extended a

1955 BEDFORD petrol 38-seater Super Vega, exterior ream-red, certificate of fitness 1964.
1955 Biue-cream, certificate of fitness 1964.
1955 BEDFORD petrol 38-seater Super Vega, exterior 1955 BEDFORD petrol 36-seater, sexterior green-stey, certificate of fitness 1965.
1954 BEDFORD petrol 38-seater super Vega, exterior green-stey, certificate of fitness March, 1964.
1954 BEDFORD petrol 38-seater Super Vega, exterior green-stey, certificate of fitness 1964.
1954 BEDFORD petrol 38-seater Super Vega, exterior green-stey, certificate of fitness 1964.
1955 BEDFORD petrol 38-seater Super Vega, exterior cream-red, certificate of fitness 1964.
1958 BEDFORD 38-seater diseased Duple Super Vega, exterior cream-red, certificate of fitness 1964.

1952 BEDFORD petrol 37-seater Gurney Nutting

1952 BEDFORD petrol 33-seater, exterior buff, certifi-cate of fitness December, 1962.
MAUDSLAY, A.E.C. oil engine, 33-seater Bellhouse-Hartwell, certificate of fitness August,

1963.
1951 BEDFORD petrol 35-seater, exterior red, certifi-care of finess August, 1961.
1951 BEDFORD petrol 33-seater, exterior green-grey, certificate of finess June, 99-exterior green-grey.

DENNIS 33-seater, Churchill body, exterior cream-blue, certificate of fitness 1963, exterior blue-cream blue-cream blue-cream state of the state of

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EDFORD SB3, petrol engine, Duple 41-seater Super Vega, glass rood quarters, heater, radio and many DEDFORD SB3, petrol engine, Harrington Crussader 41-seater, glass rood quarters, radio, Formica panels, other extras fitted, finished cream, extras fitted, finished cream, DEDFORD SB1, 300-cu-in. oil engine, Harrington panels, radio and other extras fitted, fixed cream and red.

DEDFORD SB1, 300-cu-in. oil engine, Fixxion 41-seater Crussader, glass roof quarters, Formica and other extras fitted, finished cream and red.

DEDFORD SB1, 300-cu-in. oil engine, 2-speed asle, fitted Duple 41-seater Super Vega, glass rood quarters, Formica panels and other extras fitted, fitted Duple 41-seater Super Vega, glass rood quarters, Formica panels and other extras, finished cream.

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A.E.C. Reliance, air brakes, Duple Britannia front, heaters, walnut plastic panels.

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A SELECTION OF 50 USED COACHES IN STOCK:

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HOICE of 10 1956-7-8-9 41-seater Duple, Plaxton and Burlingham coaches, petrot engines, all with current certificates of fitness.

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1956 TS3 (diesel) 41-seater Duple, finished cream-range, with current certificate of fitness. 1950 Avenaer (petrol) 33-seater all-weather coach-work, finished cream and brown, certificate of biness 1963.

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BEDFORD 29-seater Plaxton, absolutely as new, all extras, mileage 11,000, BEDFORD Duple, 300 diesel, heaters, radio, 1960 BEDFORD Duple diesel 41-scater, recessed mat heaters, discs.

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SUPER DOUBLE-DECKERS.

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1949-50 A.E.C. Mark III 56-scater high-bridge double-decker, fitted Park Ruyal and Metcam Inin-wall all-metal bodies, fitted very low mileage, late series (under 15,000 miles) 9th A.E.C. dievel units, crash boxes, re-moquetted last year, in immaculate mechanical and body condition, certificate of fitness 1955-50-4, choice of 20, price 1450-ES50.

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3. Seater Continental luxury coach body, no to 1965, low mileage 9.6 diesel engine, in super mechanical and body condition, price 1900.

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ped. PLE Yeoman 41-seater, fitted walnut Form ca side manels, heaters, radio and public address, interior red mouette, exterior ivory.

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1956 BEDFORD Super Vega 41-seater, full luxury panels, interior body, fitted with heaters, formica side panels, interior body. Bitted with heaters, Formica side certificate of fitness 1996.

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A.E.C., 9.6 engine, full-front 39-scater full
1952 luxury Whitson observation coach, good tyres,
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1950 fitted with bester, Formica side panels in ceam and fed, certificate of fitness 1963.

1950 LEVLAND PSI, fitted with a 1954 35-sealer condition throughout, certificate of fitness 1963.

EVERAL coaches, utiliable of fitness 1963.

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1947 Seaters; these vehicles have just come off
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1959 LEYLAND Tiger Cub, fitted with Burlingham 1959 BEDFORD SBI, Duple 41-seater, £3,100,

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A.C. Reliance 41-seater Burlingham, certificate of times 1965; £2,200.

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1954 LEYLAND Tiger Cub 44-seater semi-service coach.
1953 DAIMLER 37-seater Burlingham, certificate of tiness 1963, £1,100.
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1954 Tister Cub full luxury coxch, finished dus blue, in superb condition throughout, with full de laxe seating, good tyres and certified May, 1964, \$1.450, \$1.952, \$4.E.C. Mark IV luxury coach, finished red and the full condition of the seat of

1949 LEYLAND OPSI 35-seater service buses, excep-and ready for immediate work, 4335 each. 1947-48-49 LEYLAND Super PSI bus and coach, dad-purpose machines, all these vehicles are exceptionally clean and have been religiously maintained, all fitted without super pside of the property o

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15-scaler GUY service buses, fitted Gardner condition.
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PRISTOL 35-seater service buses, all with Gardner 5LW devel engines and 5-speed gearboxes, these buses are 1962-63. £0 Double-deckers. 1949 machines, with 9.6 c. c. c. engines and full air brakes, high and low bridge, all certified 1962-63 and full air brakes, high and low bridge, all certified 1962-63 and ready for immediate service. £295-£396 each.

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41-seater, attractive interior, heaters, exterior cream and blue, certified 1967, £3,500.

1960 FORD Thames Duple 41-seater, blue interior, bades blue the profice assigns, etc., cretrior two shades blue the profice assigns, etc., cretrior two parts of the profice of the

COMMER TS3 Duple 41-scater, fawn floral interior, cream and blue exterior, certified June, 1956 1965, 43,250.
1955 Model BEDFORD Duple Super Vega 38-seater, red interior, lubular heating, Formica casing panels, exterior cream and maroon, certified November,

1964, £1.985

BEDFORD Yeates Riviera 36-seater, red interior, with heater, exterior maroon and grey, certified 1964, most attractive, £1.785.

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1952 BEDFORD Plaxton 33-scater, blue interior, heater, exterior two shades blue, width 8 ft.

1951 LEYLAND Royal Tiger Burlingham Scagull
majorn, critical 1965, 61.485,
1950 MAUDSLAY (7.7) Plaxton 33-scater, red
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1958 FORD Trader 6D. fifth-wheel coupling. Tasker 22-ft. semi-low-Goder, excellent condition. C. Russett, 155 Millbank St., Northam. Southampton 26590.

1960 BEDFORD 10-12-ton (300 diesel) unit with ditioned, whole outfit without fault, £995. W.E.M. Motors (Wimbledon), 506-508 Kingston Rd., London, 514-367.

1956 B.M.C. tractor unit and two boxvan trailed approx. 850 cu. ft, each, in primer, fifth whe coupling, ex C licence user and in good condition, wou separate. Hibberd, Warwick St., Coventry 72255-6.

BREAKDOWN VEHICLES

ONE A.E.C. 6 x 6 diesel, fitted heavy-duty poweroperated twin jibs with side lifting, ideal for all
heavy trucks, price £1.50 (EXPORTS). LTD.. Loudwater,
Migh Wycombe. Phone, High Wycombe 40°S.

914-6117

1958 BEDFORD breakdown, fitted with lift, etc., Movements, Ltd., 2 Rangoon St., E.C.3, 915-6147

BEDFORD J2 1960 diesel breakdown truck, as new, Harvey Frost, twin-lift crane, radio, heater, twin stop lights, flashers, etc., bargain, £875. Dickerson Motors, Dunstable, Phone, Dunstable 61608, 914-427.

Breakdown Vehicles Wanted
5-TON breakdown twin-wheel touring ambulance
Breutwood 5333, 914-173

Breakdown Vehicles Wanted

Services.
914-173

CARAVANS

TROJAN P3 diesel, station wagon-motor caravan. like new, 45 m.p.g. Eliot, Therfield, Royston, Herts. 914-x5193

CATTLE CONVEYORS AND

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A USTIN wans. ex Civil Defence, as new, ideal conversion horsehox-cattle truck £150. Agricultural Vehicles 24 Third Acre Rise, Oxford. Cumnor 2359 Depot' Stanton Harcourt Rd., Ejnsham, Oxon, 917-6102

THAMES 1954, two horsebox rear-loading with Luton type body, very good tyres, P4 engine, very clean and sound vehicle, e225. Phone, Adams, 25 Haig Avenue, Chatham 41548.

ESTATE CARS AND UTILITIES

1954 Vanguard estate, one owner, in excellent condition, £255. Cavendish Motors, Cavendish Rd. N.W.6. Willesden 9046-8. 914-260

EX-W.D. VEHICLES

DRKING), LTD. 114 x 4 and 6 x 4 drive vehicles. Specialists 1 H. ROLLASON, Yokesford Hill, Romsey, Hants, Phone, Brashfield 395.

Miscellaneous Vehicles (contd.)

GENTLEMEN WORTH KNOWING. CUNDEY AND STEWART, LTD., DEALERS AND DISMANTLERS OF EX-W.D. VEHICLES ONLY.

SPECIALISTS IN 4 X 4, 6 X 4 AND 6 X 6 VEHICLES.

SPARES AND TYRES.

A LFRETON, DERBYSHIRE,

PHONE, LEABROOKS 477.

SWORDER (MOTORS), EXPORT, LTD., for all ex-W.D. trucks or spares. London Rd. Loudwater, High Wycombe, Bucks Phone, High Wycombe 4078.

OR sale. Vehicles and spares.

MOST types of commercial vehicles, civilian and ex-W.D., being dismantled for spares. END us your offers and requirements.

C. MORGAN AND SON, Waltham Chase, Southampton, Bishop's Waltham 133.

FOR all your spares, ex-W.D. and civilian. Mains Motors, Ltd., Woodside, Old Henley Rd., Ewelme, 914-521

INSULATED VANS

23-FT. 10-ton SCAMMELL insulated van, in very good condition, £450. 4 Carruthers St., Liverpool, 4. Central 2047.

M38, Late type, hard and soft top, low mileage, ex U.S. Forces, from £150. Oxford Motor Co., 474 Cowley Rd., Oxford. Phone 78361 and 78166.

LUTON VANS AND PANTECHNICONS LET us quote you for a Freight light-alloy Luton on your chassis, 500 to 2,000 cu. ft.; prices from £295.

FREIGHT ENGINEERING CO. Cray Rd., Sideup, Kent. Phone, Footscray 6851, zzz-780

ARLINGTON MOTOR CO., LTD.

IMMEDIATE delivery BEDFORD diesel 4-ton 1.200-HIGH ROAD, PONDERS END. ENFIELD, MIDDX. Howard 1266.

ARLINGTON MOTOR CO., LTD. 914-183

### Miscellaneous Vehicles (contd.)

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A USTIN 3-ton FG chassis-cabs, petrol or diesel, fitted with 1.075 c.c. Luton bodies, available for immediate A USTIN \$200 FG 30-cwt, chassis-cabs, petrol or diesel, with 600 c.c. Luton bodies, available for immediate

de'ivery.

A USTIN \$200 FG 30-ewt. chassis-cab, diesel, with boxuSTIN \$200 FG 30-ewt. chassis-cab, diesel, with boxuSTIN LD5 30-ewt. chassis, petrol, with 500 c.c.
Luton body, drop well, low-loading tailboard avail-A LWAYS a large selection of AUSTIN trucks and vans from 5 cwt. to 5 tons.

H. A. SAUNDERS. LTD.,

Hillside 8822, ext. 22.

836 HIGH ROAD, FINCHLEY, N.12.

1960 SEDDON, Leyland engine, overdrive gearbox, beater, flashers; tho is really first-class machine, wonderful condition, 41,525.

TRADER, late 1958, 4-ton 4D Luton, 1,100 cu. ft., walk-in tailboard, 8252. Cop 4777 or 4713. 914-440

1959, December, BEDFORD 7-ton forward-control described diesel aluminium boxvan, 750 cu. ft., £775, Dawnier Motors, Ltd., Ewell By-pass, Surrey, Ewell 314-439

900-CU.-FT. 1955 FORD 4 diesel pantechnicon, £220. CHANDLERS MOTORS, LTD., 71 Greenwich South St., London, S.E.10. Grc 2033-4. 914-436

### J. OLLERTON AND CO. LTD.

COMMERCIAL FORD DEALERS, MANCHESTER ROAD, BOLTON.

Phone, Bolton 26566-7.

1957. December, registered trader, 5 ton, long-wheel-base Luton van, one owner, low mileage, 6D engine, first-class order, bargain offer. 914-313

MORRIS-COMMERCIAL 1.200-ca.-ft. pantechnica CVF 1948 model, petrol engine, owner driven, abo average condition, integral crew cab, RFL to 31.12. Offers and inquiries to Flurrell and Beardwell, Ltd., T Grove Garage, Witham, Essex. Phone, Wilham 3222-3-

### BIRMINGHAM COMMERCIAL OFFER

NEW MORRIS 5-ton Luton van, 1,650 cu. ft.

NEW MORRIS 30-cwi, Luton van, 675 cu. ft.

RADER 1958 4-ton Luton van, 1,850 cu. ft.

AUSTIN 1952, 5-ton Luton van, 950 cu. ft. BIRMINGHAM COMMERCIAL MOTORS, LTD., Wright St. (rear of 560 Coventry Rd.), Birmingham, 10. Phone, Victoria 0437. 914-572

DECEMBER, 1957, Karrier Bantam 900-cu.-ft. Luton brakes relined, good tyres, 6550.

1955 Thames 4D 1.000-cu.-ft. Luton, 6475.

OAKTHORPE MOTOR CO., North Circular Rd., N.13 Fox Lanc 0161. 914-403

NEW Hi-bulk Luton on Morris J2 440 cu. ft. avail-able ex stock, £702 10s., unpainted, £775 painted one colour, passenger seat and heater. Phone, Bishopsgate 3393.

1956 B.M.C. diesel 5.1 Luton van, 1,900-cu.-ft. body with 44t. 6-in. drop tailboard and rear doors, complete with centre and side drop sheets, in immaculate condition, £575. Phone. Stepney Green 5522. 914-134

### Luton Vans and Pantechnicons Wanted

WANTED, 1951-60 pantechnicons from 700 cu. ft. to 1,300 cu. ft. capacity. The best buyers. Try us night and day, Greenwich 2033. Chandlers Motors. Ltd., 71 Greenwich South St., London, S.E.10. 914-435

### MOBILE SHOPS, CANTEENS, ETC.

AUSTIN vans, ex-civil defence, as new condition, all-sicel construction, fitted side door, windows, cup-boards, lookers and ra.ex etc. ideal mobile shop or wholesale distribution, price £150 Full details from Articultural Vehicles, 24 Third Acre Rise, Oxford, Cumnor 2359. Depot. Stanton Harcourt Rd., Eynsham, Oxon.

SMITH'S used Karrier Bantam, long chassis, 1960, com-beltely equipped grocery shop, milease under 5,000, £1,475; also Commer diesel, 1957, £850; and Karrier Bantam, 1960, long chassis, 350 miles only, £1,375; Bedtord, Fordson, Morris used mobile shops sed canteens for all trades, Lawton-Goodman, 135 Cricklewood Broadway, N.W.2. Gladstone 2226.

1949 GUY coach converted to mobile shop, counter
1940 in Formics, fitted racks and shelves, £35,
1950 tesds for conversion, door at rear, £350
L. J. BAKER AND CO. (DORKING, LTD., Farnham
L. Trading Extate, Färnham, Surrey, Phone, Farnham

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REFUSE collection. One 5 model BEDFORD fitted
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order, demonstration by appointment for sale in frist-class
pice ENGINEERING CO. LTD. 27 Coldnarbour
Lane Camberwell, S.E.5.

COMMER Karrier road sweeper, as used by municipalities, new brushes fitted, new tyres, ideal for factory roads, etc., £250.

A RTHUR MARTIN, South St. (next to Eagle Tavern).

Taurion, Phone 81171-2.

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FRIGERATED Morris demonstration van, pe 5,000 miles only, 3-ton chassis-cab, fitted heater, driven and electric mains, Airblown variable temp refrigeration, approx. 300 cu. ft. carrying capa 17 ATED COACHEMITEDES. Through the state of the state

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ROAD roller Barford diesel, needs repair, £175.

ONE road roller, 24-tonner, good condition, £325,0 COMPRESSOR 2-tool diesel, £125.

WALTER WALKER (ECCLESFIELD), LTD. Eccles-field, near Sheifield. Phone, Ecclesfield 3667, 914-333

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L EYLAND Comet, Albion, Dennis, Dodge, Bedford, Austin 1,500- and 1,200-gal, spirit tankers and large stock of tanks, 1-3kers, frameless, articulators and independent tanker t ailers, cargo pumps and compressors, all types, list available. Bridge Motors (Commercial), Ltd., Station Garage, Botley, Southampton. Phone, Bolley 2434.

Bottey 2343.

BEDFORD 800-gallon tankers, 2-compartment, £200; 950-gallon QL 4 x 4 with pumping equipment, £280; 2.500-gallon A.E.C. 6 x 6. petrol engine, £650 or £800 with diesel engine.

W. VASS, LTD., Ampthill, Bedford. Ampthill 3255, 222-841

A RTIC. tankers, ex U.S.A., 1,800 gal., £125; 3,600 gal., £125.

SWORDER MOTORS (EXPORT), LTD., Loudwater, High Wycombe, Phone, High Wycombe 4078.

914-6116

1959 E.R.F. 4-wheeler, 4LW, 1,080-gal, stainless-steel lagged tank, automatic lubrication, low RYLAND GARAGE, LTD., Ryland St., off Broad St., Birmingham, 16. Ed, baston 4501-5. 914-223

4,000, 3,600, 2,000 spirit fuel and oil tankers avail-fitted new and second-hand 8-, 6- or 4-wheeled chassis and tanks, or chassis sold separately if required. Tanks, all HATTER BROS., Austin Agents of Grays Phone, Purfleet 5488. 911-265

1951 LEYLAND Octopus, 3,600 gallons fuel off spirit tanker, complete with pumps, choice

several.

1956 B.M.C. J.200-gallon three-compartment spirit lanker with pump.
1951 LEYLAND Comet J.200-gallon three-compartment spirit tanker.
1950 A.E.C. 3,000-gallon spirit tanker with pump.

H. F. A. DOLMAN, 215 North Rd., Southend-on-Sea. Phone 43262. 914-507

1958 BEDFORD articulated 2.000-gal, tanker, 3-commits 300 engine and 2-speed axie, S.A.E. coupling, one owner since new, 6950, 1957 tanker, in excellent order, bargain tanker, in excellent order, bargain 1952 ments, in excellent order, bargain of several.

LSO a number of other useful tankers in stock.

RUSH GREEN MOTORS, Langley, Hitchin, Herts. 914-299

950 GALLON Bedford QL 4 x 4, complete with pump and hose, excellent condition.
MERTON ENGINEERING CO., Lt13. Fuggs Rd.,
Feltham, Middx. Phone, Feltham 6208, 3045.

1960 2.000-gallon 3-compartment BEDFORD artico-pump and hose, excellent condition, cheap to clear, J. R. Swanston. Colnbrook 2741, Bucks. 914-416

ONE new AUSTIN 702 chassis-cab. 150-in. wheelbase, 5-speed box, shock absorbers, 9.00 x 20 tyres. fitted with Blonallack light alloy Pneumajuctor tank, capacity 270 cu. ft., with Edbro tipping gear, £2,930, this vehicle is suitable for bulk cement to 9 tons capacity.

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### TIPPING LORRIES

DODGE 7-ton 7-yd. all-metal underbody end tipper, drop sides, complete in primer. Kin 6136. Globe Auto Service. Ltd., 167 London Rd., Kingston-upon-zzz-8.39

1954 AUSTIN tipper, Perkins P6, large capacity aluminium body about 12 yd., 900 x 20 tyres, excellent condition, £360, 1953 Commer, 6 yd., Perkins P6, Eaton 2-speed axle, £280. Ford Thames, 5 yd., petrol excellent conditions

P6, Eaton 2-speed axle, £280. For a transcent of the condition of the

1960 FORD Traders, £775.

1956 LEYLAND Comet, long wheelbase, £750. 1954 DODGE 7-ton short-wheelbase tipper, £375.

1959 COMMER TS3 long-wheelbase tipper with ALWAYS 20 new tippers in stock.
24-HOUR service for Pilot and Edbro tipping gears and spares. JOHN HUDSON, Doncaster Rd., Bawtry, Yorks. Phone. Bawtry 362, 456-7, 911-81

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Miscellaneous Vehicles (contd.)

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LARGE STOCKS FOR QUICK DELIVERY HELD AT WELFORD ENGINEERING (OLDBURY). LTD.

HAINES ROAD, TIPTON. Phone, Tipton 2721.

TRADE INQUIRIES WELCOMED. 916-6141

DODGE 1957 103/RP6 6-ton tipper, 900 x 20 tyres-2-speed heavy-duty axie, etc., £545. G. H. KENDRICK, LTD., Cariers Green. West Brom-914-8.

OMMER 1957 TS3 7-ton tipper, £495. G. H. KENDRICK, LTD., Carters Green. West Brom.

1959 Traders, 7-ton short-wheelbase end-tippers, steef bodies, choice of 10.
1957 ALBION Reliver short-wheelbase end-tippers, steel bodies, choice of three.
1956 alloy bodies, choice of two.
THE above vehicles, in good condition, can be seen by end-tippers, and the problemment. Phone Hoveringham Gravels, Ltd.
Lowsham 317.

1959, November. DODGE 6-wheeler. Boys Bale.
November. Dodge 4-wheeler, long wheelbase, Leyland change. Dodge 4-wheeler, long wheelbase, Leyland housements, El. 125 (or offers). Hannibal Movements, Ltd., 2 Rangoon St., E.C.3. Royal 856-124 (1975).

1957 DODGE 6-ton long-wheelbase platform lorry.
1957 Perkins Po engine.
1957 DODGE 6-to-yd, short-wheelbase tipper, Po engine, exceptionally clean reconditioned sehicle.
1955 DODGE 6-to-yd, short-wheelbase tipper, Po engine, excellent mechanical condition, good

1953 DODGE model 105P6 long-wheelbase drop-side TWO GATES GARAGE, LTD., Oxford Rd., Ryton-on-Dunsmore, Phone, Toll Bar 3361-2-3. 914-28

FOR sale, two FORD Trader 7-ton diesel-engined tippers. October, 1958, models, in good used condition. Offers to D. Davies and Sons (Transport), Ltd., Llansswell, Llandeilo. 916-6155

1960 double-drop-side lipper, £878, 1960 double-drop-side lipper, £878, 1960 BEDFORD 7-ton diesel forward-control fixed side lipper, £878, 1960 BEDFORD 7-ton diesel forward-control fixed side lipper, £828, 1960 drop-side tipper, choice of three Edbro and thous lippers from £750-y-d. diesel lippers, 2-4-peed ask, choice of two, £488, 1960 By-pass, Surrey, Ewell 288, 1960 By-pass, Surrey, Ewell

TEW BEDFORD 7-ton all-steel body diesel engine. NEW BEDFORD 151-in, wheelbase diesel, twin ram, all-steel hody, NE or two normal-control 7-ton, mileages 1,000-2,000.

 $B^{\rm arton} \ M^{\rm otors\ (preston)}. \ L^{\rm td.},$ Preston 4664.

1957 7-ton DODGE diesel (ipper, very good con-country Oak SERVICE STATION, LTD., London Rd., Crawley, Sussex, Phone Crawley 25475-6-7, 914-421

RADER 6D, 1960 medium-wheelbase steel body, double ram. £875. Garth Mill Ffynnongroew, near dywell, N. Wales, Phone Mostyn 288. 914-xA5194

### DELIVERY FROM STOCK.

NEW AUSTIN 7-ton 120-in. diesel with Pilot under-body twin-ram 7-yd. all-steel drop-side body, power steering. 5-speed box, 9.00 x 20 tyres, cab shield, calibrated.

L. F. DOVE (C.V.), LID., COMMERCIAL DISTRIBUTORS,

98 LOWER ADDISCOMBE ROAD, CROYDON.
Addiscombe 3131.

1959 AUSTIN 7-ton short-wheelbase tipper, Edbroome C-licence owner from new, E75, LTD., 120 Goldington Rd., Bedford, Phone 68386, UTD., 120 Goldington Rd., Bedford, Phone 68386

A. SPRINGALL, LTD.
THAMES Trader, 6 cu. yd., 6D, list price.

A. SPRINGALL, LTD., Plumstead Common, S.E.18, Woodwich 5313.

1958 ATKINSON 8-wheeler, 6LW, bulk body, auto1959 ATKINSON 8-wheeler, 6LX, bulk body,
1959 LS, 8-wheeler, 6LW, fibreglass bulk body,
1959 LS, 8-wheeler, 6LW, fibreglass bulk body,
1959 LS, 8-wheeler, 6LW, fibreglass bulk body,
1959 BEDFORD TR 7-tols chassis-cab and grar.

NEW BEDFORD TK 7-ton tipper, steel body.

NEW BEDFORD normal-control 7-ton tipper, steel RYLAND GARAGE, LTD., Ryland St., off Broad St., off

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1958 BEDFORD 5-ton tipper, 30,000 miles, very WRAY PARK GARAGES, Reigate, Surrey. Reigate, 2263, 914-411

1953 DENNIS tipper, diesel. 5 yd., 24,000 miles. Rd., Erith. Kent. Phone 33000. 914-501

1960, October, Thames Trader 7-ton Edbro tipper Hydrovac brakes, 9,00 x 20 tyres, in first-clas 1960 Thames Trader 7-ton Edbro tipper, £750.

1950

8.M.C. 7-ton Telehoist tipper, £650.

1959

8EDFORD 7-ton tipper, 300 engine, 2-speed sale, £650.

October, BEDFORD J-type normal-control two, £859 each.

LSO many other good tippers in stock.

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Tipping Lorries Wanted
WANTED. BEDFORD A-type petrol- or diesel-engined
whort-wheelbase tippers, with or without bodies.
Faulkners (Transport). Ltd., Wallington, Fareham, Hants.
Phone, Fareham 4234.

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POR sale. Late 1959 Scammell Highwayman tractor until fitted with power winch, heavy-duty rear asle and E22 tyres, coupled to 30-ton 22-ft.-well Scammell trailer, four months old. Apply Haigh, Station Works, Thatted, Essex. Phone 294.

1952 LEYLAND Comes 90, 2-speed, fifth wheel, one PIRRIGHT GARAGE, Pirbright Rd., S.W.18. Vandyke

1957 E.R.F. tractor unit, 6LW engine, S.A.E. coup-ling air brakes, in first-class order. LEYLAND Comet 90 tractor unit, forward con-trol 2-speed axie, S.A.E. coupling, in first-class

1958 B.M.C. tractor unit, 2-speed axle, Scammell coupling.
COMMER TS3 tractor unit, S.A.E. coupling.

1958 COMMER TS3 tractor unit. Scammell coupling 1954 SCAMMELL heavy-duty 4-wheel tractor, with winch, ballast equipment, etc., in first-class

ALSO other good tractors in stock.

RUSH GREEN MOTORS, Langley, Hitchin, Herts. Stevenage 174.

N Stevenage 174.

1956 ALBION-SCAMMELL tractor, 2-speed axie, s-speed gearbox, wrapround cab, in very good condition, £450. 4 Carruthers St., Liverpool, 3, Central 914-329.

1959 (Late) B.M.C. 5.1 diesel artic. unit, S. coupler, heavy-duty equipment, low mile R YLAND GARAGE, LTD., Ryland St., off Broad St., Birmingham, 16. Edgbaston 4501. 914-221

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CARRIMORE. A trailer doubles the payload of your lorry and reduces the ton-mile cost proportionately.

All modes of the ton-mile cost proportionately.

CARRIMORE SLEWHEELERS. LTD., Carrimore Works, North Finchley, N.12. Hillside 3631-2-3-4.

Works, North Finchley, N.12. Hillside 3631-2-3-4.

TRAILER Dollys, various size tyres, complete with fifth wheel from £80 each. L. W. Vass, Ltd., Ampthill, Bedford. Ampthill, 322-962.

SCAMMELL trailers, all lengths, 166 ft. to 25 ft., also other leading makes of drawbar or semi-trailers. JACKERBY AND CO., Maybells Farm, Ripple Rd., Barking, Essex, Dominion 5583.

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JOHN CHARLTON (BOLTON), LTD., commercial vehicles and spares Bent Street Works, Kearsley, near Manchester, Phone, Farnworth 1884.

SCAMMELL trailers, 3-ton, 6-ton, 8-ton.

OVER 200 used trailers in stock from 5 cwt. to 25 tons capacity, articulated and 4-wheelers, by the leading makers, including low-loaders and semi-low loaders, box bodies, platforr, pantechnicons, and special types, R USH GREEN MOTORS, Langley, Hitchin, Hrtts. 222-895

TASKERS trailers and semi-trailers, for every type of load between 8 cwt. and 35 tons.

SUITABLE for most kinds of prime mover, Land Rover,

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Porse couplings.

RAILERS now in stock include: 10-, 12-, 14- and 18-ton super straights (S.A.E.); 3-, 4-, 8-, 10- and 12-ton straight frames (D-S); 15-ton twinside; 12-ton step-frame low loader (D-S) and 14-ton step-frame low-loader (S.A.E.); 12-ton rear steering PV semi-trailer.

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Phone, Andover 2312, Telex 47-519, Grams, "Taskers-Andover-Telex", Telex 47-519, Grams, "Taskers-Andover-Telex", 1900,

### ARLINGTON MOTOR CO., LTD.,

NEW York Freightmaster, 26-ft.-long alloy boxvan. S.A.E. coupling.

HIGH ROAD. PONDERS END, ENFIELD, MIDDX. Howard 1266. 914-184

SCAMMELL semi-trailer, 22-ft. flush timber platform, 80%, tyres.

JOS. WALSH (DARWEN), LTD., Buil Hill, Darwen, 14-166

E. C. G. TRAILERS, LTD.
HUNDREDS OF RECONDITIONED TRAILERS OF
ALL TYPES ALWAYS IN STOCK.
NEW TRAILERS, ANY PICK-UP,

IMMEDIATE DELIVERY.
YOUR SHORT OR DAMAGED TRAILER REBUILT AS NEW.

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940-6163

11-TON flat trailer, 25-ft. Scammell coupling, as new, E500, 10-ton tipper, Scammell coupling, new 15-yd, body, 15-ton ram, stabilizer, etc., suitable coal, coke, grain, etc., £550, Page and Bayliss, Bromyard, Herefordshire.

### BROWNHILLS MOTOR SALES.

NEW Scammell 12-ton 25-ft, trailers, Scammell coupling, ex stock.
NEW Scammell 12- and 14-ton 25-ft, trailers, fifth wheel.

### BROWNHILLS MOTOR SALES.

WATLING STREET (AS), BROWNHILLS, STAFFS. Phone, Brownhills 2307, 2336 and 2392.

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17-TON cx-U.S.A. artic. trailers (no bodies) tandem axies, twin wheels, 11.00 x 20, air brakes, fifth-wheel coupling with undercarriage, overall length 32 ft.,

which todaying with the price \$25 SWORDER MOTORS (EXPORTS). LTD., Loudwater, High Wycombe. 4078, High Wycombe. 4078, 14.6115.

20 TON semi-low 4 trailer, 18-in. loading height at real to 50 ft., as new, air brake, £385. J. R. Swanston, Colnbrook 2741, Bucks.

Comprook 2741, Bucks. 914-417

954 BEFFORD A-type, reconditioned petrol engine, twin wheel platform trailers, very clean, repainted which platform trailers, very clean, repainted which the platform trailers, very clean, repainted which the platform trailers, very clean, repainted which the platform trailers are coupling. Rade, LTD., Oxford Rd., Ryfon-on-purpose platform trailers are compared to the platform of the platform trailers are considered to the platform of the plat

Dunsmore. Phone, Toll Bar 3301-2-3.

YORK semi-trailers, good delivery, 21 models, B.T.C. semi-trailers, immediate delivery, 12- and 15-ton, also 12-ton low-oader.
CENTRAL GARAGE, Barnsley Rd., South Elmsall, near Pontefract. Phone, South Elmsall 276-7-8.

914-323

NEW 25-ft. 11-ton trailer, 9.00 x 20 tyres Scammell 35-FT. by 7-ft. 6-in, independent van trailer, £125.

15-TON timber trailer, in excellent condition, £200. 1-TON 2-wheel trailers, as new, £40 each.

25-FT, van trailer, Tasker fitting, £225.

3-TON 2-wheel trailers, as new, £50 each.

CAMERON GARAGE rear of 180-186 Park View Rd., Welling, Kent Besleyheath 1747.

SCAMMELL 8-ton box semi-trailer used for provisions, ditto furniture van, walk-in tailboard, £175 each. Ballard Transport, 16a Crown Rd., Twickenham. Pop 9901.

MOBILE Servicing Trailer, fitted 300 lb. compressor hot and cold air for pressure greasing, parafin syraying, etc., hydraulic lacks, acet-oxy bottles, pneumatic drills and saws etc., £250, E.A.A., LTD. Tring 3146.

SURPLUS to requirements.

ONE 6-8-ton Scammell trailer, as new, £125 o.n.o.

ONE 3-ton Scammell trailer, 8.25 x 10 tyres, £125 o.n.o. SEVERAL trailers, approximately 35-ft. long.

QUEEN MARY trailers, 3- and 5-ton, new condition.

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B.T.C. 15-ton 4-in-line articulated traiter, 28-ft. platform body, twin line air brakes, 10.09
10 12-TON articulated low-loader traiter, 18 ft. in well, knock-out asle, winch, etc. as new and nuised.
DYSON 16-ton tandem axle traiter, 28-ft. platform body, twin-line air brakes, S.A.E. pin, in first-class order, VORK 12-ton S.A.E. pin traiter, 28-ft. platform body, in first-class order, 12-ton 12-ton

RUSH GREEN MOTORS, Langley, Hitchin, Herts. Stevenage 174.

Trailers Wanted

EVERAL box trailers, Scammell 20-25-ft, for wood chips, condition not important, must be cheap. Minett mber Co., River Wharf, Belvedere. Kent. Frith 37817.

1916-85128

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DAVIES. S.A.E. 5th-wheel coupling, factory recondi-tioned, exchange service and spares. Thundridge, Nr. Ware, Herts. Ware 2288-9 or Hertford 3334. zzz-862

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BEDFORD OY and civilian brand-new drivers' scat cushions, 62 each, carriage paid, cash with order. Cundey and Stewart, Etd., Alfreton, Derbyshire, 914-804

SET of 35 high-back seats. Box CM111, care of "The Commercial Motor."

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### Spare Parts and Supplies (contd.)

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GN writing on vehicles efficiently carried out at practical pricing. F. Hopkins. Gip 7843 (after 2 914-469

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SERVAIS straight-through sitencers to fit all petrol ard diesel commercial vehicles, increase power and sa fuel. Servais Silencers, Ltd., Ashford Rd., London, N.W. Gladstone (1923) (three lines).

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ERVIS recorders register automatically the exact running and standing times of vehicles. VERY minute of every journey is accounted for clearly on a simple tamper-proof chart. EDUCTION in running costs follows inevitably when the course facts. EHICTION in the journey facts. The proof of the journeys and maintenance with maximum efficiency. It is a good idea to write for descriptive literature to:—

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### EDBRO B. AND E. TIPPERS. LTD.

BRITAIN'S largest manufacturers of tipping gears and dumper equipment, end- or 3-way tipping gears and bodies in timber or steel, also conversions hydraulics for farm equipment, etc. Head office and works: Octobec St. Bolton. Phone. Bolton 62221-5. Brepherd's Bush 6362.

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SPENBOROUGH tippers, power hydraulic, handscrew and/or 3 way. We manufacture the most comprehensive range, se-casilist in word or specific recovery to the convert your track into a tipper. Full particulars from Spenborough Eng. Co., Ltd., Heckmondwike, Yorks, or from Messrs. B.B. Sates, Ltd., 88 Clapham Rd., London, Cw. Q.

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 $W^{ ext{Elford}} \stackrel{E}{E}_{ ext{Haines road.}}^{ ext{NGINEERING (OLDBURY)}} L^{ ext{TD.}}$ 

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ONE set of second-hand twin-ram underbody Pilot tipping gear, complete with strong 15-yd, body, L. W. VASS, LTD., Ampthill, Bedford. Ampthill 3255

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Full service facilities and large stocks of replacement units and spares.

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MILSHAW tipping gears. Inquiries to Birch Lane. Brafford.

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June 23, 1961—THE COMMERCIAL MOTOR 77
(Supplement)

### Spare Parts and Supplies (contd.)

TELEHOIST twin underbody rams and subframe off tone-wheelbase Dennis Pax, unused since reconditioned by manufacturers, £80 complete or would take £20 for complete vehicle with P6, suitable spares. JOHN JORDAN, Sandy, Reds. Phone 271.

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15-FT, heavy sized wire tow rongs, complete with hook and chains, 63 each; carriage paid, cash with order Cundey and Stewart, Ltd., Alfreton, Derbyshire. Less brooks 477.

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STUCK tyres and tubeless leakers completely avoided by filtin; with Tyreprim (read.) anti-adhesive. For covers frozen to untreated rims, apply Coastic (read.) penetrant-lubricant. Guaranteed harmless to rubber. From all 222-864

LAPTON TYRE SERVICE. Sound part-used tyres 2.5 to 1.5 to 1

36 X 8, 12-ply, £23; 7.50 x 20 Cross Country or civilian tread, 8-ply, £12: 10.50 x 20 remoulds. £11; 7.00 x 10 remoulds. £3. All carriage paid. The country of the country

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50 10.50 x 16 tyres and wheels, 50 9.00 x 16 tyres and wheels, new. S. Gregory, 89 Granville Rd., Southfields, S.W.18, Vandyke 6344.

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### MISCELLANEOUS ADVERTISEMENTS

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GOVERNMENT SURPLUS BRITISH AND AMERICAN VEHICLE SPARES, TYRES.
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JI DUNLOP EARTH MOVER TYRES 21.00 X 25.
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WATER PUMPS AND REAR SPRINGS. SPEEDOWATER PUMPS AND REAR SPRINGS. SPEEDOMETERS AND CABLES, MOTORCYCLE SPARES,
VEHICLE LIGHT BULBS, DEWANDRE SERVO
BRAKE UNITS, LUCAS STARTER MOTORS AND VEHICLE LIGHT BULBS, DEWANDRE SERVO BRAKE UNITS, LUCAS STARTER MOTORS AND DYNAMOS, LUCAS ARMATURES, SOLEX CARBURETTERS, CATERPILLAR D7 TRACKS, TRACK LINK ASSEMBLIES AND GROUSE SHOES, CATERPILLAR TRACK LINKS, SHERMAN RUBBER TRACK SECTIONS, 10,800 WHEEL DISCS, AUSTIN, DENNIS, SCAMMELL AND TRALER SPRINGS, TECALEMIT GREASING PLANT. 4 SEMI-TRALLERS WITH DEATH OF THE PROPERTY AND THE PHOTOGRAPHIC EQUIPMENT, ETC.

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WHICH WILL BE SOLD IN LARGE AND SMALL LOTS TO SUIT ALL PURCHASERS

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The most popular coaching hostelry in Torbay. Offer accommodation for Salurday nights only, fully booked for remainder of Salurday nights only, fully booked for remainder of luncheon parties. Menus available at reasonable prices. Own coachicar park. Apply Mr. W. J. Gent, M.H.C.I. Phone 5633.

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the Commercial Motor.

NORTH WEST Transport Co. for sale, 163 ton of A and B licences, artics, and rigids, first-class normal user, goodwil? £20 000 vehicles at market valuation. Premises if required. Apply Box CM1312, care of "The Commercial Motor."

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SILVERTOWN Lodon, old established haulage business for sale, 32 tons B licences, contract-As, etc., with without premises (fully equipped yard, workshop, stores and offices) on lease, some h.p. arranged, offers invited. Box CM144, care of "The Commercial Motor." 916-6169

### Miscellaneous Advertisements (contd.)

HAULAGE Business, Birminghum, comprising of three vehicles with A licences, approximately 10 tons for most pictors, creat Britain, approximately 10 tons for most pictors, creat Britain specific, tell properties, North West, consisting of 1959 Hammes Trader tipper and Thornycroft Trident with licences with very wide user conditions. Limited Com-

1959 Thames Trader 7-ton long-wheelbase lorry, as new, with A licence, North West Area, Limited upany. un with B licence, based Manchester, general goods, 15 miles of base.

ULLER particulars of the above supplied on request and we are prepared to take anything in parthange including property, etc.

### WILDE AND BENNEFT, LTD.,

HADFIELD, HYDE, CHESHIRE.

Phone, Glossop 2902-3. AFTER HOURS, 2356.

### BIRMINGHAM COMMERCIAL OFFER:-

HAULAGE business, 10 tons open A on modern Dodge vehicles. 7 tons B licence on 1960 Dodge vehicles. West Midlands area. Limited company, good normal user situated City of Birmingham.

1955 Seddon truck, 3 tons 9 cwt., special A, West Midlands, good user and figures available. BIRMINGHAM COMMERCIAL MOTORS, LTD., Wright St. trear of 860 coentry Rd.), Birmingham. 10. Phone Victoria 0457.

STEEL buildings with asbestos roofs and down-pipes.

8 4f. x. 20 ft., 4360 delivered; 110 ft. x 40 ft., £1,100 delivered; 60 ft. x 25 ft., 4575 delivered. Steel building.

36 ft., £1,100 delivered. Steel building, with side rais and fully opening doors one end, 75 ft. x 60 ft., £1,250 delivered. Offers invited. Ballards Wharf East Quay.

900c 334.

METROPOLITAN. Haulage General Goods A licence business, 19 ton approx., with five modern diesel vehicles, £12,500. Principals only. Box CM1410, care of "The Commercial Motor." "The Commercial Motor."

STABLISHED London and Midland service, 34-ton A licence, 10 Modern vehicles, due to retirement of neight. Box CM141, care of "The Commercial ton."

Motor. 914-281

COMPANY for disposal operating 50 A-licensed vehicles, Chompany for disposal operating 50 A-licensed vehicles, Chompany for the Commercial Motor. 14-28

HAULAGE business for sale (limited company), 6- and 6-care for the company for the co

NORTH Leics. Valuable site 34 acres with permission industrial development, three substantial Romnes beldings, floor space 12,000 fl., superior and new detached house, prominent position of main highway convenient entrance M extension, Derby nice miles and Co. Devonshire Square, Loughborough Arm.

REMOVAL Business, in thriving South Cheshitzen Weight 7 tons, operating the Wo vans total unladen weight 7 tons, operating the A licence, both wehicles in really exceptional some regular work, audited accounts, for further information, etc., write in strictest confidence to Box CM[43] care of "The Commercial Motor." 915-616 and 120 tons A licence and approx. 15 tons contract—A licence, consisting of 16 s-wheel bulk tipping weighted which would be soon or the Commercial Motor." 10 tons of the Commercial Motor." 10 tons of the Commercial Motor.

mercial Motor."

912

PROGRESSIVE private haulage business for together with freehold property, garases, stores office, South Western area, excellent connection in De Cornwall and southern counties, operating 12 vehicles 23 tons A, 21 tons A contract, and 6 tons B licer audited accounts available. Box CM148, care of Commercial Motor."

HAULAGE contractors: Why not save money? Ha your own tank. Storage space available for dies No additional layout. Cheap rent, on main A6 ro eight miles north of Preston. Box CM1419, care "The Commercial Motor."

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HAULAGE business required in Glasgow area if pos-sible, Please reply giving details of A licence (normal user) and websices operated. All replies treated in strictest confidence. Box CM1217, care of "The Commercial Motor,"

WANTED Haulage Business with Ordinary A licen and B licences in any part of the country, or ali natively we are prepared to sell your business for a co mission as we have numerous clients on our books.

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AFTER HOURS 2356.

WANTED small carriers business in Southampton-sidered. Premises and management also of interest. Full particulars to Box CM1414, care of "The Commercial Motor." 915-xx167

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AND ROVERS and light vans available on contract hire. Apply for terms. OOMBS COMMERCIALS (GUILDFORD). LTD., Portsmouth Rd., Guildford, Surrey. Phone, Guildford 907.

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OWNER-DRIVEN 8-ton dropside tipper available contract. N.W. area preferred. Kingsley, 1 Derw 5t., Rochdale. Lancs. R EGULAR contract wanted by owner-driver, 3 too Luton, Midlands or London and South West, Phone Wellington, Somerset 2358.

CONTRACT required for Thames Trader, steel body tipper, N.W. area preferred. Box CM1413, care of The Commercial Motor. 915-xB5194

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BRITAIN'S FIRST FORD DEALER.

DIESEL 4D AND 6D ENGINES WITH REAR-END CONVERSIONS AT LOW COST.

LET US QUOTE YOU.

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SOUTHAMPTON 28331 (EIGHT LINES).

FORK-LIFT TRUCKS

MOBILIFT 1.500-lb-capacity fork-lifts, single-cylinder enzines, good working order, £240.
W. VASS, LTD., Ampthill, Bedford. Ampthill 3255.

We always have for sale at least one Coventry Clir or similar diesel fork-lift truck, 9- or 12-ft. lift, which been Completely overhauled through our organizat repainted mainfeaturers' colours, test certificate covered by three months' written guarantee.

PRICES FROM £1,250 EX WORKS.

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87 BEDDINGTON LANE, CROYDON, SURREY.

Phone, Tho 3402 (five lines).

4,000 LB. Coventry Climax diesel fork-lift truck, pneumatics. 12-ft. lift, overhauled. East Anglian Plant Hire, Ltd., Harborough Rd., Brixworth, Northampton. Phone, Brixworth 288. 914-493

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FORK-LIFT ORK-LIFT trucks urgently wanted!!! All types. Immediate inspection and payment. Speed Electrics, Dept. M. Church St., Basford, Nottingham. Phone 751-6. 914-6104

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PAUL CHILDS, LTD.

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BEST market rates—no claims bonus to 40%. Monthly or quarterly payments accepted.

ROYAL 3066-9. The quickest way of shipping your car anywhere in the world is through PARON, LTD., \$1-3 Crutched Friars, E.C.3.

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DAMAGED Leyland 600 engine, bargain, £75

IX 6-cylinder Albion diesel engines, £70 each.

1950 ALBION decker, 56 seats, certificate of finess part-exchange. IGER COACHES, Dewshill Garage, Salsburgh, Phone, Salsburgh 242

X-W.D. spray paint, olive green, 50 gallons £12 10s.; also grey lead paint, 15s. a gallon. Phone, Hayes iddlesea) (1985.

### SECURITY PARKING

WHEN in Liverpool park at Bankview Service on Derby Rd., two miles north from it tunnel entrance. Phone, Bootle 5474. Weighbridg able capacity 40 tons. Enclosed parking with service.

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MIMI, City and Guilds, AMI Mech.E. etc., on A. "No pass, no fee" terms. Over 90% successes. For details of exams and courses in all branches of auto, diesel, aero, mechanical engineering, etc., write for 148-pase handbook, free B.I.E.T. Obert. 725, 29 Wright's Lane, London, W. 8.

A Nassistant service manager is required by a Middleseg. A vehicle distributor. The successful applicant will be experienced in both workshop and office procedure and able to orsanize and control staff. We'ze full details of education, experience and present salary to Box CMISIR, care of 'The Commercial Motor' 914-6139.

GARAGE or yard required London area, suitable for Commercial Motor."

Gommercial Motor. "

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GARAGE or yard required London area, suitable for BMC distributors in East Analia have vacancy, good controllar, salary and commission, pension scheme. Apply sales Manuger, Box CM142, care of "The Commercial Motor."

914-254

Motor."

### Miscellaneous Advertisements (contd.)

NATIONAL COMPANY

with 400 plus fleet has a vacancy for experienced made with knowledge of licensing and accident insurance procedures and correspondence.

Salary dependent upon age, experience and qualifications Pension scheme.

Please apply in confidence with full details to BOX CM1211, CARE OF "THE COMMERCIAL MOTOR" 914-3

VAUXHALL and Bedford salesman required. Write giving fullest particulars to sales director. G.N., Ltd., 300 Balham High Rd., S.W.17.

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PROCESS AND PLANNING OFFICER.

The successful applicant will be in charge of incentive eitherne operation and of the rate fixing section at the Dewarment's Central Repair Works, seven bus garages. Salary £1,140/£1,310 per annum. Preferable qualifications: Final Examination I.Mech.E. or H.N.C. Further details and application forms from the General Manager, 55 piccadially, Manchester, 1.

Applications returnable by Monday, July 3, 1961.

SENIOR transport operater required, age 30-35, at head-quarters office, applicants should be fully conversant with all aspects of road freight movement, this post carries full staff conditions and presents a good opportunity for keen man to join a lorge organization.

A PP-LICATIONS in writing marked "Confidential" to Transport Manager, Transport Division, Bowalers Services and Transport, Ltd. 87 Kings Avenue, Clarkbam, SWA.

YOUNG Men with good educational background, attractive personalities and experience in the sales field, who wish to embark upon a promising career as car science with a leading Rootes distributor, should apply in writing giving details of age, salary, education and experience to the Sales Director, Ray Powell, Lut. Eastern Avenue, Ifford, Essex. A driving licence is essential.

DUPLE MOTOR BODIES. L.TD.,

EDGWARE ROAD. THE HYDE, LONDON, N.W.9. URGENTLY REQUIRE FULLY EXPERIENCED

SENIOR P.S.V. DRAUGHTSMEN

FOR LUXURY COACHWORK

These appointments offer good scope and prospects for Draughtsmen with initiative and ambition. Apply in confidence to the Personnel Manager. 914-399

COMMERCIAL vehicle tondon and S.E. area. Applicants must have extensive experience in commercial vehicle selling. The position carries a very attractive salary plus generous commission with excellent pension scheme, car provided. Write in strict confidence, giving particulars of experience and salary regulared, to the Manager, Commercial Vehicle Division, Car Mart Sales, Ltd., Welsh Harp, Edyware Rd., London, N.W.9.

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REQUIRED. by a public company group distributing actionally on a large scale, a limited number of eliable young men to be trained for important management positions in transport and distribution organization. Candidates must have the following qualifications:—

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- APTITUDE FOR STUDY, TRAINI ACCEPTANCE OF RESPONSIBILITY. TRAINING AND

The positions (which are permanent and pensionable) offer special opportunities with interesting scope for ken young men 21-30 years of aske, who are adaptable and willing to take up residence anywhere in the British Isles as opportunities for advancement occur.

Commencing salary will be paid according to age and experience. Minimum 6000 per annum, with annual bonus subject to satisfactory service.

Applications fin confidence) in first instance by letter, giving full details in chronological order to:—

THE MANAGING DIRECTOR.

TRANSPORT CONSULTANTS. LTD.,

(CALOR GAS GROUP), 36 HIGHAM ROAD, RUSHDEN, NORTHAMPTONSHIRE. 914-115

PIRST-CLASS parisman required preferably with Vauxhall-Bedford experience, living accommodation available. Apply in writing, stating salary and experience to Green Garages, Ltd., 641 Staines Rd., Bedfort, Midds 914-55 914-55

VEHICLE salesmen seeking promotion to junior executive status should apply to Ray Powell, Ltd., the leading Rootes distributors, for a position as fleet sales representative. The applicant selected for this executive position will probably be in the age zroup 28-40 and will combine ambition, personality and drive with a sound knowledge of car and, particularly. commercial vehicle marketing. A good education, the practiced ability to megotiate at every level, a proven sales record and the highest possible references, will also be required of suphcants, who should apply in writing, giving fullest details, to the Sales Director, Ray Powell, Ltd., Eastern Avenue, Hford, Essex.

Miscellaneous Advertisements (contd.)

WESTERN WELSH OMNIBUS CO., LTD.

VACANCY FOR GENERAL MANAGER.

The Western Welsh Omnibus Co. Ltd. invites applica-tions for the appointment of General Manager of the company in succession to Mr. T. G. Davies, who will be retiring towards the end of the year. The companys with headquarters at Cardiff, operates some 700 vehicles, mainly on stage carriage services in South Wales, and its activities also include express services. Excursions, extended tours and contract. Applications, which will be treated in strict confidence, should give full person personal properties of the confidence, and the confidence of the confidence of

MR. E. L. TAYLOR, Chairman.

WESTERN WELSH OMNIBUS CO., LTIS. STRATTON HOUSE.
PICCADILLY, LONDON, W.I.

to reach him not later than July 10, 1961.

A N experienced commercial-vehicle Salesman required tors in their increasing sales of Commer and Karrier trucks; a successful sales record with a high degree of trucks; a successful sales record with a high degree of the sales are essential; full company backing, pension arrangements await the successful applicant, who should dence, in the drist instance to the Secretary, Ray Powell, Ltd., Eastern Avenue, Horot, Edward Powell, Edd. (2016).

WANTED, Traffic Clerk for hadlage firm, state exprise ence and wage required. North East Area. Reply to Box CM134, care of "The Commercial Motor."

SENIOR male transport clerk required in London office, must be thoroughly experienced in vehicle costinus and transport raturd, a knowledge of vehicle licensing procedure is essential, canteen, superannuation scheme, good salary and prospects await the right man. Applications in confidence, giving details of age, experience, etc., Box CM/412, care of "The Commercial Motion." 915-6168

COACH hire traffic manager required. £20 per week house available near London. Box CM0914, care of "The Commercial Motor." 914-257

YOUNG sales representative with experience in the motor trade for well-known passenger and commercial eventuely state of the property of the p

TRAFFIC Manager required to take charge of a new office situated in the Glasgow, Lanark, Kilmarnock area to expand exhibing connections and turn round Lancashire and Midand-based trunk vehicles. Must be fully conversant with all necessary documentation and clearing house procedure. Box CMI415, care of "The Commercial Motor."

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BODYSHOP/SERVICE Manager, widely experienced, requires position where enthusiasm and integrity are appreciated. Box CM149, care of "The Commercial 914-x5192"

YOUNG man (25) seeks opening in road transport management, apprenticed six years, commercial vehicle manufacturers O.N.C., City and Guilds intermediatel. Box CM1416, care of "The Commercial Motor." 914-x5218

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LENHAM STORAGE CO., LTD.. near Maidstone Kent. Southern England's foremost warehouses capacity 34 million cu. It. For storage and daily distribution of all classes of commodities by own covers. on of all classes of commodities on of all classes of commodities oper throughout Kent, Surrey, Sustee, Lenham 441 (five lines).

SMALLS distribution in the London area offered by Carriers operating covered vans from their North London depot; no storage: area list and rates from W. and J. Pargeter, Ltd., 57 Ordnance Hill, London, N.W. 8.

CONTRACT TRANSPORT AND SUPPLIES. LTD.

83-85 Ledgers Rd., Slough, with to announce that
with the completion of wheth new warehouse at their
according to the complete the comprehensive from the comprehensive fleet of road transport vehicles for collection and redistribution. Phones, Stough 25653 and 20282;
914-18

COVERED and uncovered storage facilities available in East London area, collection and redistribution as required. Phone, Maryland 8558, 914-524

TENDERS

THE URBAN DISTRICT COUNCIL OF A BERDARE.

MOBILE LIBRARY.

DIESEL-ENGINED MOBILE LIBRARY.

Specifications and tender forms may be obtained from a General Manager, Transport Department, Gladi Aberdare.

Tenders, in p'ain seafed envelopes besiring no mark indication of the sender but endorsed "Mobile Library must reach me on or before Friday, July 21, 1961.

Town Hall, June 15, 1961 D. G. JAMES. Clerk of the Council (1619)

June 23, 1951-THE COMMERCIAL MOTOR 79

Miscellaneous Advertisements (contd.)

LANCASHIRE COUNTY COUNCIL.

TENDERS ARE INVITED FOR THE BUILDING OF

SPECIAL COACH-BUILT MOBILE LIBRARIES ON KARRIER CHASSIS

Specifications together with forms and conditions of tender obtainable from the Chief Fire Officer, Lancashire Counts Fire Brigade Headquarters, Fulwood, Preston.

Completed forms of tender returnable to the Clerk of the Counts Council by July 3, 1961.

ORPINGTON URBAN DISTRICT COUNCIL.

REFUSE COLLECTION VEHICLE.

TENDERS ARE INVITED FOR THE SUPPLY AND DELIVERY OF:

18-CU.-YD. DUAL TIP REAR-LOADING

REFUSE COLLECTION VEHICLE. WITH DIESEL ENGINE.

WITH DIESEL ENGINE.

The vehicle to be painted, lettered and delivered in accordance with the Council's instructions, further patticulous and the council's instructions, further patticulous and the council of the cou

The Council do not bind themselves to accept the lowest or any tender,

Council Offices, Crofton Pound Hill, Orpington, Kent,

ROYAL BOROUGH OF KINGSTON-UPON-THAMES.

THE CORPORATION INTEND PURCHASING:-

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COMMER 15-CWT. VAN.

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Guildhall.

L. V. POWELL.

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SOUTHGATE BOROUGH COUNCIL

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GORDON H. TAYLOR. Town Clerk

914-39 A63

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### Miscellaneous Advertisements (contd.)

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Swinegate, Leeds, 1. June, 1961.

(HOS. LORD, E.R.D., General Manager, 914-114

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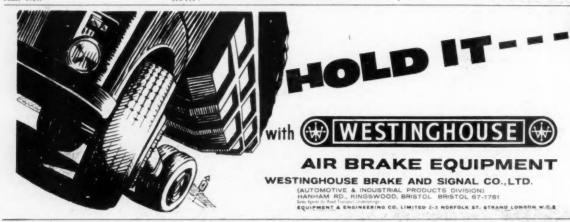




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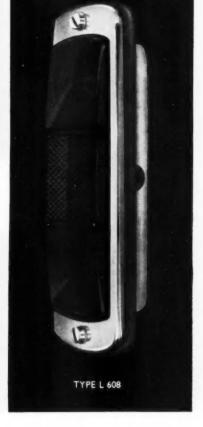




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